DECEMBER 1978

PART II
INDEX
Volumes 126-129

RADIOLOGY

Owned and published as its official journal by
The Radiological Society of North America

RADIOLOGY

1978 INDEX

January–December

Volumes 126–129

RADIOLOGICAL SOCIETY OF NORTH AMERICA, INC.

Oak Brook Regency Towers, Suite 1150, 1415 West 22nd St.
Oak Brook, Illinois 60521

1978

Copyright, 1978, by
The Radiological Society of North America, Inc.

Printed in the United States of America

RADIOLOGY continues to index the papers published in the American Journal of Roentgenology, Radiologic Clinics of North America, Seminars in Nuclear Medicine, and Seminars in Roentgenology, but since January 1977 no longer publishes the titles in the Abstract Section of the monthly issues.

Index entries for these four publications will carry the following code designations. Volume and page numbers refer directly to the particular publication cited.

AJR—American Journal of Roentgenology

RCNA—Radiologic Clinics of North America

SNM—Seminars in Nuclear Medicine

SR—Seminars in Roentgenology

RADIOLOGY

a monthly journal devoted to clinical radiology and allied sciences

owned and published as its official journal by THE RADIOLOGICAL SOCIETY OF NORTH AMERICA, INC.

Volumes 126–129 January–December, 1978

AUTHOR INDEX

A

Aaronson, Donald W. See Rosenberg, Michael
Aaronson, I. A. See Cremin, B. J.
Abbasy, Munir. See Jannetta, Peter J.
Abbott, Joseph A. See Lipton, Martin J.
Abe, Hiroshi. See Matsumoto, Musayuki
Abe, Rikiya
lymphatico-osseous communication and primary lymphedema, **129:** 375, 1978
Abel, Martin S.
unstable apophyseal joint: early sign of lumbar disc disease (ab), **126:** 836, 1978
Abeloff, Martin D. See Harrington, Donald P.
Ablow, R. C. See Polansky, S. M.
Ablow, Ronald C. See Bidot-Lopez, Pascual; Effmann, Eric L.
Abraham, David M. See Rankow, Robin M.
Abramowitz, Harry B. See Hirsch, Menachem
Abrams, Herbert L. See Beckmann, Carl F.; Hessel, Samuel J.
—; McNeil, Barbara J.: computed tomography: cost and efficacy implications, (AJR), **131:** 81, 1978
—; McNeil, Barbara J.: medical implications of computed tomography ("CAT scanning"). first of two parts (ab), **129:** 572, 1978
—; McNeil, Barbara J.: medical implications of computed tomography ("CAT scanning"). second of two parts (ab), **129:** 572, 1978
Abrath, Fred G. See Purdy, James A.
Abreu, Jose R. F. See Cunha-Vaz, Jose G.
Ackerman, Laurens V.
computed tomography scans on paper, **128:** 819, 1978
Ackroyd, Frederick. See Corlette, Jr., Marvin B.
Adam, Rasheed
—; Greenberg, Jack O.: mega cisterna magna (ab), **129:** 274, 1978
Adams, Douglass F. See Hessel, Samuel J.
Adams, Forrest H. See Norman, Amos
Adams, J. Hume
—; Mitchell, Dorothy E.; Graham, D. I.; Doyle, David: diffuse brain damage of immediate impact type: its relationship to 'primary brain-stem damage' in head injury (ab), **127:** 845, 1978
Adams, K. See Banna, M.
Adams, Peter. See Koch, Paul C.
Adcock, III, Eugene W. See Paxson, Jr., Charles L.
Adelman, Raymond D. See Merten, David F.
Adler, C.-P.
—; Klumper, A.: roentgenological and anatomic-pathological patterns of bone tumors (ab), **127:** 568, 1978
Adler, Jonathan
—; Goodgold, Maurice; Mitty, Harold; Gordon, David; Kinkhabwala, Mahesh: arteriovenous shunts involving the liver, **129:** 315, 1978
—; Einhorn, Robert; McCarthy, Joseph; Goodman, Alvin; Solangi, Karim; Varanasi, Umanaheswara; Thelmo, William: Gelfoam embolization of the kidneys for treatment of malignant hypertension, **128:** 45, 1978
Adler, O.
—; Kaftori, J. K.; Rosenberger, A.; Ben Arieh, J.: non-functioning islet cell tumors of the pancreas. review of radiological literature and a report on two cases (ab), **128:** 274, 1978
Adler, Olga. See Rosenberger, Alexander
Adler, Robert
—; Takahashi, Masato; Wright, Jr., Harry T.: acute pericarditis associated with hepatitis B infection (ab), **129:** 853, 1978
Adolph, Robert J. See Settle, Harold P.
Aegerter, Ernest. See Bonakdarpour, A.
Afroudakis, A.
—; Bhuta, S. M.; Ranganath, K. A.; Kaplowitz, N.: obstructive jaundice caused by hepatocellular carcinoma: report of three cases (ab), **129:** 853, 1978
Åstedt, B. See Mattsson, W.
Agarwal, Suresh K.
—; Friesen, Elroy J.; Huddleston, Alan L.; Rao, Ravindra P.: effectiveness of glass lenses in reducing exposure to the eyes, **129:** 810, 1978
Ager, P. J. See Turner, S. S.
Agruss, Neil S. See Settle, Harold P.
Agustsson, M. H. See Klint, R. B.
Aharon, Menucha
—; Kleinhaus, Uriel; Lichtig, Chaim: neonatal intramural intestinal calcifications associated with bowel atresia, (AJR), **130:** 999, 1978
Ahmad, Salahuddin
—; Kleiger, Robert E.; Connors, John; Krone, Ronald: echocardiographic diagnosis of rupture of a papillary muscle (ab), **128:** 282, 1978
Ahmadi, Jamshid
—; Potts, D. Gordon: new device for myelography, **129:** 821, 1978
Ahmed, Rashid. See Clouse, Melvin E.
Ahren, Chr. See Bartholdson, L.
Ahuja, Subash C.
—; Villacin, Aquiles B.; Smith, Julius; Bullough, Peter G.; Huvos, Andrew G.; Marcove, Ralph C.: juxtacortical (parosteal) osteogenic sarcoma: histological grading and prognosis (ab), **127:** 854, 1978
Aiello, C. See Schajowicz, F.
Aita, John F.
—; Bennett, Donald R.; Anderson, Robert E.; Ziter, Fred: cranial CT appearance of acute multiple sclerosis (ab), **129:** 559, 1978
Akanuma, Atsuo
high-dose rate intracavitary radiation therapy for advanced head and neck tumors (ab), **126:** 844, 1978
Akhtar, Riaz A. See Ogawa, Satoshi
Akiyama, Hiroshi. See Itai, Yuji
Alagratnam, Dharmakaran. See Asokan, Sangarappillai
Alam, Mohsin. See McFarland, Thomas M.
Alavi, Abass. See Forsted, David L.
—; Staum, Muni M.; Shesol, Barry F.; Bloch, Peter H.: technetium-99m stannous phytate as an imaging agent for lymph nodes (ab), **128:** 862, 1978
Alazraki, N. See Weissberg, D. L.
Alazraki, N. P. See Chafetz, Neil
Alazraki, Naomi P.
—; Ramsdell, Joe W.; Taylor, Andrew; Friedman, Paul J.; Peters, Richard M.; Tisi, Gennaro M.: reliability of gallium scan chest radiography compared to mediastinoscopy for evaluating mediastinal spread of lung cancer (ab), **128:** 285, 1978
Albarelli, Judith N. See Lawson, Thomas L.
—; Lawson, Thomas L.: renal ultrasonography: advantages of the decubitus position (ab), **129:** 573, 1978
Albert, Roy E. See Shore, Roy E.
Alberto, C. See Vidal, J.
Alberts, M. C. See Terrence, C. F.
Albin, Maurice S. See Jannetta, Peter J.
Albrechtsson, U.
—; Tylen, U.: angiography in reticulum cell sarcoma (ab), **126:** 839, 1978
Alcorn, Franklin S.
xeroradiography: uncalcified breast masses (bk rev), **126:** 372, 1978
Alderson, P. O.
—; Doppman, John L.; Diamond, S. S.; Mendenhall, K. G.; Barron, E. L.; Girton, Mary: ventilation-perfusion lung imaging and selective pulmonary angiography in dogs with experimental pulmonary embolism (ab), **128:** 286, 1978
Alderson, Philip O. See Baker, R. Robinson; Barth, Klemens H.; Hauser, Mary F.; Qureshi, Saeeda
—; Guadiani, Vincent A.; Watson, Donald C.; Mendenhall, Karl G.; Donovan, Richard C.: quantitative radionuclide angiocardiography in animals with experimental atrial septal defects (ab), **128:** 861, 1978
—; Wagner, Jr., Henry N.; Gomez-Moeiras, Juan J.; Rehn, Terry G.; Becker, Lewis C.; Douglas, Kenneth H.; Manspeaker, Henry F.; Schindledecker, Gregory R.: simultaneous detection of myocardial perfusion and wall motion abnormalities by cinematic ^{201}Ti imaging, **127:** 531, 1978
Aldridge, H. E. See Taylor, K. W.
—; McLoughlin, M. J.; Taylor, K. W.: special angulated projections in coronary arteriography: confusion in terminology (ab), **128:** 272, 1978
Alebouyeh, Mardawig. See Ameri, Morad R.
Alexander, C. J.
Scheuermann's disease: traumatic spondylodystrophy? (ab), **127:** 280, 1978
Alexander, James K. See Quinones, Miguel A.
Alexander, Robert. See Lang, Erich K.
Alfidi, Ralph J. See Haaga, John R.; Havrilla, Thomas R.
Alfieri, A. A.
—; Hahn, E. W.; Kim, J. H.; Lehman, D.: multiple adjuvant therapy on a murine fibrosarcoma: actinomycin-D, x-irradiation and local tumor hyperthermia, **129:** 225, 1978
Alford, Bennett A. See Lees, Richard F.
—; Peoples, W. M.; Resnick, Jack S.; L'Heureux, Philippe R.: pulmonary complications associated with prune-belly syndrome, **129:** 401, 1978
Ali, Amjad. See Turner, David A.
Ali, Amjad A. See Turner, David A.
Ali, Mir Vilayat. See Shenoy, Sadashiv S.
Ali, Nayab. See Andy, Joseph J.
Aliabadi, Piran
—; Shafiepoor, Hamid: bronchography in the recognition of congenital cystic bronchiectasis, (AJR), **131:** 255, 1978
Alken, P. See Gunther, R.
Allan, D. M.
—; Witcombe, J. B.: intracranial extravasation of contrast medium during carotid angiography (ab), **127:** 559, 1978
Alleman, A. See Lips, C. J. M.
Allen, Brent. See Gilbert, Harvey A.
Allen, Chris M. See Dubois, Philip J.

Allen, E. H.
—; Cosgrove, D.; Millard, F. J. C.: radiological changes in infections of the spine and their diagnostic value (ab), **129:** 566, 1978
Allen, Hugh D. See Sahn, David J.; Wing, Jennifer P.
—; Sahn, David J.; Goldberg, Stanley J.: new serial contrast technique for assessment of left to right shunting patent ductus arteriosus in the neonate (ab), **128:** 281, 1978
Allen, John W. See Venkataraman, Kalyanasundaram
—; Kim, Sun June; Edmiston, W. Allan; Venkataraman, K.: problems in ultrasonic estimates of septal thickness (ab), **129:** 859, 1978
—; Harrison, Earl C.; Camp, John C.; Borsari, Allan; Turnier, Edgard; Lau, Francis Y. K.: role of serial echocardiography in the evaluation and differential diagnosis of pericardial disease (ab), **128:** 571, 1978
Allen, III, William E. See Geehr, Robert B.
Allman, Robert M.
—; Cavanagh, Richard C.; Helwig, Elson B.; Lichtenstein, Joel E.: inflammatory fibroid polyp: RPC from the AFIP, **127:** 69, 1978
Almagor, Gyora. See Iancu, Theodore C.
Almen, T.
—; Boijsen, E.; Lindell, S. E.: metrizamide in angiography: I. femoral angiography (ab), **127:** 278, 1978
Alonso, A. See Vidal, J.
Alpert, J. S. See Ehrich, Dennis A.
Alpert, S. See Turner, S. S.
Als, Ann V.
—; Paulin, Sven; Aroesty, Julian M.: biplane angiographic volumetry using the right anterior oblique and half-axial left anterior oblique technique, **126:** 511, 1978
—; Serur, Juan R.; LaRaia, Paul J.; Miner, Nancy C.; Paulin, Sven: differential effects of sodium meglumine calcium metrizoate on the inotropic state of normal and ischemic myocardium, **128:** 499, 1978
Alter, Albert J.
—; Crummy, Andrew B.; Benson, Jr., Ralph C.: nephrostomy tube replacement using a steerable catheter (ab), **128:** 570, 1978
Althausen, A. See Mitchell, M. E.
Altshuler, Barry S. See Greenes, Robert A.
Altwein, J. E. See Gunther, R.
Alvarado, Carlos S.
—; Boat, Thomas F.; Newman, Arthur J.: late-onset pulmonary fibrosis and chest deformity in two children treated with cyclophosphamide (ab), **129:** 561, 1978
Alvear, Domingo T. See Giulian, Bertrand B.
Amar, Arjan D.
delayed recurrence of reflux after initial success of antireflux operation (ab), **128:** 279, 1978
Amaral, Ney M.
radiographic diagnosis of shallow gastric ulcers: comparative study of technique, **129:** 597, 1978
Ambos, Marjorie A. See Lefleur, Richard S.
—; Bosniak, Morton A.; Valensi, Quentin J.; Madayag, Manuel A.; Lefleur, Richard S.: angiographic patterns in renal oncocytomas, **129:** 615, 1978
—; Bosniak, Morton A.; Madayag, Manuel A.; Lefleur, Richard S.: infiltrating neoplasms of the kidney, (AJR), **129:** 859, 1977
—; Bosniak, Morton A.; Gordon, Richard; Madayag, Manuel A.: replacement lipomatosis of the kidney, (AJR), **130:** 1087, 1978
Ambrose, J. Lee. See Renner, Robert R.
Amend, William J. C. See Webb, W. Richard
Ament, Marvin E. See Byrne, William J.
Ameri, Morad R.
—; Alebouyeh, Mardawig; Donner, Martin W.: hypertrophic osteoarthropathy in childhood malignancy, (AJR), **130:** 992, 1978
Ammerich, H. See van Damme, W.
Amorosa, Judith Korek. See Cohen, Jeffrey R.; Rosen, Yale
—; Schaffer, Richard M.; Smith, Peter R.; Cohen, Jeffrey R.; Robinson, Theodore: sarcoidosis and mediastinal emphysema, **127:** 314, 1978
—; Smith, Peter R.; Cohen, Jeffrey R.; Ramsey, Craig; Lyons, Harold A.: tuberculous mediastinal lymphadenitis in the adult, **126:** 365, 1978
Amplatz, Kurt. See Castaneda-Zuniga, Wilfrido; Castaneda-Zuniga, Wilfrido R.; Cotman, H. E.; D'Souza, Vincent J.; Formanek, Augustin; Gomes, Antoinette S.; Moore, Richard; Probst, Peter
—; Moore, Richard; Korbuly, Dominic: "swinging" tube: new concept, **128:** 783, 1978
Amundsen, P.
—; Dugstad, G.; Slettebo, M.: clinical testing of Amipaque for cerebral angiography (ab), **129:** 845, 1978
Anagnostopoulos, Constantine. See D'Cruz, Ivan A.
Ancri, Daniel
—; Basset, Jean-Yves; Lonchampt, M. F.; Etavard, Christian: diagnosis of cerebral lesions by thallium 201, **128:** 417, 1978
Andersen, A. P.
—; Bertelsen, K.; Elbrond, O.; Gadeberg, C.; Lund, C.: malignant tumours of the oropharynx (ab), **127:** 861, 1978
Anderson, Charles B.
—; Gilula, Louis A.; Harter, Herschel R.; Etheredge, Edward E.: venous angiography and the surgical management of subcutaneous hemodialysis fistulas (ab), **128:** 569, 1978
Anderson, David C. See Lebow, Steven
Anderson, David W. See Raeside, David E.
Anderson, Gary J. See Procacci, P. M.
Anderson, H. A. See Maisel, R. H.
Anderson, J. H. See Jonsson, K.
Anderson, James H. See Jonsson, Kjell
—; Wallace, Sidney; Gianturco, Cesare: transcatheter intravascular coil occlusion of experimental arteriovenous fistulas, (AJR), **129:** 795, 1977
Anderson, Javan E. See Cantwell, Kathleen G.
Anderson, Joseph C.
—; Harned, Roger K.: gray scale ultrasonography of the gallbladder: evaluation of accuracy and report of additional ultrasound signs, (AJR), **129:** 975, 1977
Anderson, Robert. See Sahn, David J.
Anderson, Robert E. See Aita, John F.; Osborn, Anne G.
Anderson, Stephen G.
real-time sonography in obstetrics (ab), **128:** 574, 1978
Anderson, Tom. See Javadpour, Nasser
Anderson, Willie A. See Lees, Richard F.
Andersson, Ingvar
—; Andren, Lars; Pettersson, Holger: influence of age at first pregnancy on breast parenchymal pattern: preliminary report, **126:** 675, 1978
—; Hildell, Jan; Muhlow, Anders; Pettersson, Holger: number of projections in mammography: influence on detection of breast disease, (AJR), **130:** 349, 1978
renal artery lesions after pyelolithotomy: potential cause of renovascular hypertension (ab), **126:** 556, 1978
Andren, Lars. See Andersson, Ingvar
Andrews, Alan D. See Brumback, Roger A.
Andrews, Gould A. See Nelson, Bill M.; Sauerbrunn, Bertram J. L.
Andrews, J. T.
—; Kidd, G.; Steven, L. W.; McKay, W. J.; Lichtenstein, N.: interpretation of the radionuclide subtraction scan in pancreatic carcinoma (ab), **127:** 287, 1978
radionuclide brain scanning (ab), **127:** 286, 1978
Andy, Joseph J.
—; Sheikh, Mazhar U.; Ali, Nayab; Barnes, Boisey O.; Fox, Lay M.; Curry, Charles L.; Roberts, William C.: echocardiographic observations in opiate addicts with active infective endocarditis: frequency of involvement of the various valves and comparison of echocardiographic features of right- and left-sided cardiac valve endocarditis (ab), **126:** 283, 1978
Ansel, Howard J. See Rohrmann, Jr., Charles A.
Ansell, B. M. See D'Arcy, K.
Ansfield, Fred. See Narsete, Thomas
Antonioli, Donald A. See Joffe, Norman
Antonmattei, Sadi. See Pechman, Robert
Antunes, J. Lobo. See Carmel, Peter W.
Aoki, Chuck T.
beam anomaly for a cobalt-60 teletherapy machine, **128:** 807, 1978
Aquino, Jose. See Belitsky, Philip
Araujo, Otaviano. See Tetalman, Marc R.
Archer, Carol R.
—; Darwish, Husem; Smith, Jr., Kenneth: enlarged cisternae magnae and posterior fossa cysts simulating Dandy–Walker syndrome on computed tomography, **127:** 681, 1978
—; Yeager, Vernon: internal structures of the knee visualized by computed tomography (ab), **129:** 568, 1978
Arcomano, Joseph P. See Pizzolato, Nicholas F.
Ardran, Gordon M.
—; Crooks, Henry E.: value of conventional eyeglasses for x-ray protection, **129:** 815, 1978
Arensburg, B. See Taitz, C.
Arger, Peter H. See Kressel, Herbert Y.; Pollack, Howard M.
Ariyama, Joe
—; Shirakabe, Hikoo; Ohashi, Kazuhiko; Roberts, Geraint M.: experience with percutaneous transhepatic cholangiography using the Japanese needle (ab), **128:** 854, 1978
Arkins, Thomas J. See Strand, Roy D.
—; McLennan, James E.; Winston, Ken R.; Strand, Roy D.; Suzuki, Yamoto: acute posterior fossa epidural hematomas in children (ab), **127:** 559, 1978
Armbuster, Thomas G. See Guerra, Jr., Jose
—; Guerra, Jr., Jose; Resnick, Donald; Goergen, Thomas G.; Feingold, Mitchell L.; Niwayama, Gen; Danzig, Larry A.: adult hip: anatomic study. part I: bony landmarks, **128:** 1, 1978
Armfield, III, Samuel L. See Bartoletti, Stefano
Armstrong, Jr., John D. See Prescott, Stephen M.
Arndt, Rolf D.
—; Frank, C. Gordon; Schmitz, Alfred L.; Haveson, Samuel B.: cardiac herniation with volvulus after pneumonectomy, (AJR), **130:** 155, 1978
Arnold, Ben A. See Rosenbaum, Arthur E.
—; Webster, Edward W.; Kalisher, Lester: evaluation of mammographic screen–film systems, **129:** 179, 1978
—; Eisenberg, Harvey; Bjarngard, Bengt E.: measurements of reciprocity law failure in green-sensitive x-ray films, **126:** 493, 1978
Arnold, Margaret J. See Schneider, Arthur B.
Arnold, Samuel J.
—; Berg, Roger: conscious dynamic versus unconscious static cystourethrography (ab), **127:** 284, 1978
Arnot, Rosemary. See Lavender, J. P.
Arntson, Thomas L.
—; Boyd, Wayne R.: percutaneous biopsy using a safe, effective needle, **127:** 265, 1978
Aroesty, Julian M. See Als, Ann V.
Aron, Bernard S. See Duncan, Ralph E.; Stupar, Terry A.
Aronson, Andrew J. See Rochester, David
Arroyo, F. See Pueyo, I.
Arvanitidis, Alexander N. See Irwin, Richard S.
Asamoto, Hitoshi. See Itoh, Harumi
Asari, Syoji
—; Nakamura, Shigeo; Yamada, Osamu; Beck, Hiroichi; Sugatani, Hiroshi; Higashi, Toru: traumatic aneurysm of peripheral cerebral arteries: report of two cases (ab), **127:** 844, 1978
Asato, Renin. See Yamashita, Junkoh
Asayama, Jun
—; Matsuura, Tohru; Endo, Naoto; Matsukubo, Haruo; Furukawa, Keizo: idiopathic enlargement of the right atrium (ab), **126:** 840, 1978
Asboe-Hansen, G. See Hentzer, B.
Aschinberg, Lorenzo C.
—; Solomon, Lawrence M.; Zeis, Petros M.; Justice, Parvin; Rosenthal, Ira M.: vitamin D-resistant rickets associated with epidermal nevus syndrome: demonstration of a phosphaturic substance in the dermal lesions (ab), **127:** 284, 1978
Ascione, Antonio
—; Elias, Elwyn; Scott, James; Sherlock, Sheila: endoscopic retrograde cholangiography (ERC) in nonamebic liver abscesses (ab), **128:** 567, 1978
Ascoli, Frank A. See Thomas, Stephen R.
Ash, Judith M. See Howman-Giles, Robert
Ashare, Alan B. See Sostre, Samuel
Ashwal, Stephen
—; Smith, Andrew J. K.; Torres, Fernando; Loken, Merle; Chou, Shelley N.: radionuclide bolus angiography: technique for verification of brain death in infants and children (ab), **128:** 574, 1978
Askenazi, Joseph. See Kendrick, Marvin H.
Asnes, Russell A. See Nealis, James G. T.
Asokan, Sangarappillai
—; Alagratnam, Dharmakaran; Eftaha, Mohammed; Radhakrishnan, Jayant; Lim, Leonard T.; Teresi, Meguel: ultrasonography of a mediastinal pseudocyst, (AJR), **129:** 923, 1977
Aspin, Norman. See Prato, Frank S.
Atabay, Gurhun. See Nalbantgil, Istemi
Athanasoulis, Christos A. See Baum, Stanley; Greenfield, Alan J.; Kadir, Saadoon; Novelline, Robert A.
—; Waltman, Arthur C.; Simmons, Julian Thayer; Sheehan, Barbara; Coggins, Cecil H.: effects of intravenous vasopressin on canine mesenteric arterial blood flow, bowel oxygen consumption, and cardiac output, (AJR), **130:** 1033, 1978

Atienza, Juan Gonzalez. See Lucaya, Javier
Atine, I. See Olweny, C. L. M.
Atkinson, Barbara. See Miller, Wallace T.
Atkinson, Peter. See Taylor, Kenneth J. W.
Atsuchi, Yoshihiko
—; Nagai, Yasuo; Komatsu, Yukio; Nakamura, Kenji; Shibuya, Minoru; Hirosawa, Koshichiro: echocardiographic manifestations of annulo-aortic ectasia: its "paradoxical" motion of the aorta and premature systolic closure of the aortic valve (ab), **128:** 571, 1978
Au, Francis C.
—; Webber, Bruce; Rosenberg, Steven A.: pulmonary granulomas induced by BCG (ab), **129:** 562, 1978
Aulich, A. See Wende, S.
Aulick, A. See Steinhoff, H.
Aust, J. Bradley. See Pridgen, Jr., James E.
Avecilla, Leonard S. See Lee, Timothy G.
Avgoustakis, Dimitris. See Toutouzas, Pavlos
Aviad, Y. See Weinstein, D.
Avramides, Avraam
—; Vichayanrat, Apichati; Solomon, Nathan; Carter, Anne C.: thyroid hemiagenesis (ab), **127:** 573, 1978
Avritchir, Yeochua
—; Perroni, Angelo August: radiological manifestations of small intestinal South American blastomycosis, **127:** 607, 1978
Axelrod, Rita
—; Naidech, Howard J.; Myers, Jeffrey; Steinberg, Allen: primary osteosarcoma of the kidney (ab), **128:** 569, 1978
Axer, Anatol. See Gershuni, David H.
Ayala, Alberto G. See deSantos, Luis Alonso
Ayoub, Elia. See McCook, Thomas A.
Ayre-Smith, G. See Cooperberg, P.
hyoscine-n-butylbromide (Buscopan) as a duodenal relaxant in tubeless duodenography (ab), **126:** 553, 1978
Ayre-Smith, Geoffrey
fine needle cholangiography in postcholecystectomy patients, (AJR), **130:** 697, 1978
Azar-Kia, Behrooz
—; Palacios, Enrique; Danley, Robert: bone erosions associated with intracranial arteriovenous malformation (ab), **126:** 547, 1978
Aziz, Hasan I. See Sinha, Purendra P.
Aziz, Kalim U.
—; van Grondelle, Albertus; Paul, Milton H.; Muster, Alexander J.: echocardiographic assessment of the relation between left ventricular wall and cavity dimensions and peak systolic pressure in children with aortic stenosis (ab), **127:** 285, 1978
—; Paul, Milton H.; Muster, Alexander J.: echocardiographic assessment of left ventricular outflow tract in d-transposition of the great arteries (ab), **128:** 572, 1978
—; Paul, Milton H.; Bharati, Saroja; Lev, Maurice; Shannon, Kathleen: echocardiographic features of total anomalous pulmonary venous drainage into the coronary sinus (ab), **129:** 860, 1978
Azizi, Fereidoun. See Rosenthal, Daniel I.
Azouz, E. Michel
panoramic view in sialography, **127:** 267, 1978

B

Baba, Hiromi. See Komaki, Senichiro
Baba, Nobuhisa. See Tetalman, Marc R.
Baber, Collins E. See Libshitz, Herman I.
Bacarini, L. See Dalla Palma, L.
Bachelot, F. See Larra, F.
Bachman, Arnold L.
benign, non-neoplastic conditions of the larynx and pharynx, (RCNA), **16:** 273, 1978
Baciocco, A. See Belloni, G.
Baechli, D.
—; Braun, P.: concomitant pneumonia and acute appendicitis in a child (ab), **129:** 561, 1978
Baehner, Robert L. See Ballantine, Thomas V. N.
Baert, A. L. See Lateur, L.
—; van Damme, B.; Michielsen, P.; Gruwez, J.: pseudo-dysplasia of the renal artery as a cause of hypertension in renal transplant recipients (ab), **126:** 282, 1978
Baert, L.
—; Steg, A.: is the diverticulum of the distal and collecting tubules a preliminary stage of the simple cyst in the adult? (ab), **127:** 282, 1978
Bagg, Raymond J. See Prather, Jerry L.
Bagley, Frederick H.
—; Stewart, Archibald M.; Jones, Peter F.: diffuse xanthogranulomatous pyelonephritis in children: unrecognized variant. (ab), **126:** 555, 1978
Bagnasco, Francis M.
—; Stringer, Bruce; Muslim, Arif M.: carbon tetrachloride poisoning: radiographic findings (ab), **129:** 853, 1978
Bahadoran, H.
diverticulitis of the cecum: 5 cases of solitary diverticulitis (ab), **126:** 552, 1978
Bahk, Yong Whee
—; Shinn, Kyung Sub; Choi, Byung Suk: air meniscus sign in sclerosing hemangioma of the lung, **128:** 27, 1978
Bahler, Alan S. See Brik, Henry
Bahr, Albert Lee
—; Hodges, III, Fred J.: efficacy of computed tomography of the head in changing patient care and health costs: retrospective study, (AJR), **131:** 45, 1978
—; Krumholz, Allan; Kristt, Donald; Hodges, III, Fred J.: neuroradiological manifestations of intracranial sarcoidosis, **127:** 713, 1978
Bahr, Gustave K. See Stupar, Terry A.
Baier, Bernard. See Ekstrom, Deborah
Bailey, R. R.
—; McCrea, C. U.; Mailing, T. M. J.; Tisch, G.; Little, P. J.: renal vein renin in the hypertension of unilateral reflux nephropathy (ab), **129:** 570, 1978
Bailie, Michael D. See Haddy, Theresa B.
Bains, Manjit S. See McCormack, Patricia M.; Turbiner, Elliott H.
Baird, A. I. See Fry, F. J.
Baker, Carol J. See Edwards, Morven S.
Baker, Charles G. See Hunter, Alasdair G. W.
Baker, David H. See Haller, Jack O.; Slovis, Thomas L.
Baker, Dennis. See Kesala, B. Adrian
Baker, Dennis A. See Morin, Martin E.
Baker, Donald W. See Ward, Jonathan M.
Baker, Jr., Hillier L. See Campbell, J. Keith
Baker, Max L.
—; Dalrymple, Glenn V.: biological effects of diagnostic ultrasound: review, **126:** 479, 1978
Baker, Nancy D. See Norman, Alex
Baker, R. J. See Williams, J. A. R.
Baker, R. Robinson
—; Holmes, III, Edwin R.; Alderson, Philip O.; Khouri, Nagi F.; Wagner, Henry N.: evaluation of bone scans as screening procedures for occult metastases in primary breast cancer (ab), **127:** 287, 1978
Baker, Richard A. See Kido, Daniel K.; Strand, Roy D.
—; Hillman, Bruce J.; McLennan, James E.; Strand, Roy D.; Kaufman, Susan M.: sequelae of metrizamide myelography in 200 examinations, (AJR), **130:** 499, 1978
Baker, Robinson R. See Harrington, Donald P.
Baker, Stuart B.
—; Robinson, Dwight R.: unusual renal manifestations of Wegener's granulomatosis: report of two cases (ab), **129:** 282, 1978
Baldetorp, B. See Baldetorp, L.
Baldetorp, L.
—; Hakansson, C. H.; Baldetorp, B.: influence of temperature on the activity of ciliated cells during exposure to ionizing radiation (ab), **127:** 861, 1978
Baldwin, G. Nicholas. See Haaga, John R.
computed tomography of the pancreas: negative contrast medium, **128:** 827, 1978
Balentine, J. Douglas. See Schwartz, James F.
Baleriaux-Waha, D.
—; Mortelmans, L. L.; Dupont, M. G.; Terwinghe, G.; Jeanmart, L.: use of coronal scans for computed tomography of the orbits (ab), **128:** 561, 1978
Balikian, Jirayr P. See Herman, Peter G.; Seltzer, Steven E.
—; Cheng, Tien H.; Costello, Philip; Herman, Peter G.: pulmonary actinomycosis: report of three cases, **128:** 613, 1978
—; Herman, Peter G.; Kopit, Sandra: pulmonary nocardiosis, **126:** 569, 1978
Ball, Marshall R. See Laster, D. Wayne; Moody, Dixon, M.
Ball, Terrence. See Rohrmann, Jr., Charles A.
Ball, Terrence J. See Freeny, Patrick C.
Ballantine, Thomas V. N.
—; Grosfeld, Jay L.; Knapeck, Richard M.; Baehner, Robert L.: interstitial pneumonitis in the immunologically suppressed child: urgent surgical condition (ab), **127:** 562, 1978
Ballard, Gary L.
—; Boyd, Wayne R.: specially designed cutting aspiration needle for lung biopsy, (AJR), **130:** 899, 1978
Balsys, Raymond
—; Cross, Robert: multiple aneurysm formation as a complication of interventive angiography, **126:** 91, 1978
Baltarowich, Oksana H. See Novelline, Robert A.
Baltaxe, Harold A. See Goldberg, Sheldon; Martin, Eric C.; Wolf, Gerald L.
Balthazar, E. J.
—; Schechter, Lawrence S.: air in gallbladder: frequent finding in gallstone ileus, (AJR), **131:** 219, 1978
Banerji, A. K. See Mohanty, S.
Bank, W. O. See Kerber, C. W.
Bank, William O. See Dubois, Philip J.; Maroon, Joseph C.
—; Nelson, Paul B.; Drayer, Burton P.; Wilkins, Robert H.; Rosenbaum, Arthur E.: traumatic aneurysm of the basilar artery, (AJR), **130:** 975, 1978
Banka, Vidya S. See Morrison, Carol A.
Banna, M.
—; Adams, K.; Tunks, E.; Finlayson, M. A. J.: computed tomography after psychosurgery (ab), **128:** 269, 1978
Banner, Marc P. See Bleshman, Michael H.
—; Hassler, Randy: normal seminal vesiculogram, **128:** 339, 1978
—; Gohel, Vijay K.: peritoneal mesothelioma, **129:** 637, 1978
Baraldi, Gian Piero. See Monti, Carlo
Barault, J.-F. See Viard, H.
Barbaric, Zoran L. See Spataro, Robert F.
—; Wolfe, Daniel E.; Segal, Arthur J.: intraoperative ureteral trauma: radiologic approach (ab), **129:** 570, 1978
—; Thomson, Kenneth R.: percutaneous nephropyelostomy in the management of obstructed renal transplants, **126:** 639, 1978
—; Frank, Irwin N.: peripelvic renal pseudocyst due to obstruction, (AJR), **129:** 1097, 1977
—; Wolfe, Daniel E.; Segal, Arthur J.: urinary tract after abdomino-perineal resection, **128:** 345, 1978
Barboriak, Joseph J. See Cohen, Steven H.
Bard, Robert L. See Hassani, Sam N.
Bargeron, Jr., L. M. See Bream, Peter R.; Soto, Benigno
Barish, Robert J.
—; Lerch, Irving A.: patient immobilization with a low-temperature splint/brace material, **127:** 548, 1978
Barker, Jerry L.
—; Fletcher, Gilbert H.: time, dose and tumor volume relationships in megavoltage irradiation of squamous cell carcinomas of the retromolar trigone and anterior tonsillar pillar (ab), **126:** 845, 1978
Barki, Yehiel. See Hirsch, Menachem
Barkin, Jamie
—; Vining, Donald; Miale, Jr., August; Gottlieb, Stuart; Redhammer, Dorothy E.; Kalser, Martin H.: computerized tomography, diagnostic ultrasound, and radionuclide scanning: comparison of efficacy in diagnosis of pancreatic carcinoma (ab), **128:** 567, 1978
Barkin, Jamie S. See Pereiras, Raul V.
Barnes, Barbara D.
—; Winestock, David P.: dynamic radionuclide scanning in the diagnosis of thrombosis of the superior sagittal sinus (ab), **127:** 860, 1978
Barnes, Boisey O. See Andy, Joseph J.
Barnes, Frank. See Bean, William J.
Barnes, J. Edward. See Jaeger, Stanley S.
Barnes, James O. See Cohen, Gerald
Barnes, John C. See Lester, Patrick D.
—; Smith, Wilbur L.: VATER association, **126:** 445, 1978
Barnes, Robert W. See Bone, George E.; Hummel, Brian W.
Barnes, Walter H.
—; Bradfield, John S.; Hammond, David B.: simple method of protecting the eye from scattered radiations during mantle-field therapy, **129:** 812, 1978
Barnett, Troy. See Lang, Erich K.
Barnhard, Howard J.
bedside examination: time for analysis and appropriate action (opin), **129:** 539, 1978
Barnhart, James L. See Loeb, Peter M.
Barnhorst, Donald A. See Spangler, John G.
Barold, S. Serge. See Nanda, Navin C.
Baron, Murray G. See Pillari, George
Barone, Gregory J. See Weaver, Kenneth E.
Barrett, Fred F. See Edwards, Morven S.
Barricks, Michael E.
—; Traviesa, Dan B.; Glaser, Joel S.; Levy, Ivor S.: ophthalmoplegia in cranial arteritis (ab), **127:** 846, 1978
Barron, E. L. See Alderson, P. O.
Barrows, George H. See Samols, Ellis
Barry, Jane W.
—; Engle, Claudette V.: detection of hemorrhage in a patient with cecal varices using ^{99m}Tc-sulfur colloid, **129:** 489, 1978
Barry, John M.
—; Hodges, Clarence V.: revascularization of totally occluded renal arteries (ab), **128:** 570, 1978

Barry, Jonathan F. See Byrd, Sharon E.; Fitz, Charles R.
Barsamian, Ernest M. See Davidson, Kenneth H.
Bartelt, Detlef. See Stitik, Frederick P.
Barth, Klemens H. See Harrington, Donald P.; White, Jr. Robert I.
—; Strandberg, John D.; Kaufman, Stephen L.; White, Jr., Robert I.: chronic vascular reactions to steel coil occlusion devices, (AJR), **131:** 455, 1978
—; Alderson, Philip O.; Strandberg, John D.; Strauss, H. William; White, Jr., Robert I.: ^{99m}Tc-pyrophosphate imaging in experimental mesenteric infarction: relationship of tracer uptake to the degree of ischemic injury, **129:** 491, 1978
Bartholdson, L.
—; Hultborn, A.; Hulten, L.; Roos, B.; Rosencrantz, M.; Ahren, Chr.: lymph drainage from the vulva and the foot as demonstrated by ^{198}Au (ab), **129:** 576, 1978
Bartold, Shelley L. See Sisson, James C.
Bartold, Stephen P. See Sisson, James C.
Bartoletti, Stefano
—; Armfield, III, Samuel L.; Ledesma-Medina, Jocyline: cerebro-hepato-renal (Zellweger's) syndrome: report of four cases, **127:** 741, 1978
Barton, Leslie. See Bell, Martin J.
Barton, Thomas K. See Morgan, Carlisle L.
Bartrum, Jr., Royal J. See Berger, Marc; Holm, Hans H.
Baskin, B.
—; Montali, R. J.; Bush, M.; Quan, T. J.; Smith, E.: yersinosis in captive exotic mammals (ab), **128:** 277, 1978
Bass, John L.
—; Bessinger, Jr., F. Blanton; Lawrence, Cheryl: echocardiographic differentiation of partial and complete atrioventricular canal (ab), **129:** 284, 1978
Bassan, Mayer
—; Ganz, William; Marcus, Harold S.: effect upon coronary blood flow of coronary ostial intubation with an angiographic catheter (ab), **126:** 277, 1978
Bassano, Daniel A. See Rosenblum, Lawrence J.
Basset, Jean-Yves. See Ancri, Daniel
Bassett, Lawrence W.
—; Gold, Richard H.; Cove, Harvey C.: mammographic spectrum of traumatic fat necrosis: fallibility of "pathognomonic" signs of carcinoma, (AJR), **130:** 119, 1978
Basta, L. See Dunn, Francis G.
Bastidas, Jefferson. See Rothberg, Murray
Batata, M. A. See Whitmore, Jr., W. F.
Batnitzky, Solomon. See Hulvat, Gerald F.
Battagin, Robert
—; Ostlund, James: versatile cinefluorography film marker, **127:** 827, 1978
Battista, J. See Johns, H. E.
Battle, William E. See Turner, David A.
Baucum, Jr., Ralph W. See Glasser, Stephen P.
Bauer, H. See Pfeiffer, R. A.
Bauer, Stuart B.
—; Retik, Alan B.: non-obstructive ectopic ureterocele (ab), **129:** 570, 1978
Bauer, Walter. See Perez, Carlos A.
Baugus, Pat. See Merlo, Richard B.
Baum, Alan E. See Pizzolato, Nicholas F.
Baum, Robert S. See Hall, Ronald R.
Baum, Stanley. See Ring, Ernest J.
—; Athanasoulis, Christos A.; Waltman, Arthur C.; Galdabini, James; Schapiro, Robert H.; Warshaw, Andrew L.; Ottinger, Leslie W.: angiodysplasia of the right colon: cause of gastrointestinal bleeding, (AJR), **129:** 789, 1977
Bauman, Roger. See Fineberg, Harvey V.
Bauman, Roger A. See Greenes, Robert A.
Baumann, D.
—; Kremer, H.: arthrography and sonography in the diagnosis of Baker's cysts (ab), **127:** 573, 1978
Baumer, N. See Pfeiffer, R. A.
Baumstark, Anthony E.
—; Levin, David C.; Fishbein, Michael C.: experimental myocardial infarction in dogs with normal coronary arteries: angiographic resolution of coronary arterial emboli, **128:** 31, 1978
Bautovich, George Joseph. See Crocker, Ernest Frank
Bayle-Weisgerber, Ch. See Katz, M.
Bazzocchi, M. See Dalla Palma, L.
Beabout, John W. See McLeod, Richard A.
Bean, Mark S.
—; Poznanski, Andrew K.: respiratory strobotomography, **127:** 805, 1978
Bean, William J.
—; Davies, Hywel; Barnes, Frank: ultrasonic fragmentation of large residual biliary tract stone (ab), **126:** 843, 1978
Beard, Judith O. See Drum, David E.
Beasley, Patrick. See Matthews, W. B.
Beattie, Edward J. See McCormack, Patricia M.
Beaty, Harry N. See Karney, Walter W.
Beauchamp, Gary D. See Morgan, David L.
Beaudet, Arthur L. See Richardson, Miriam M.
Beaudry, Pierre H. See Coates, Allan L.
Beauvais, P.
—; Faure, C.; Montagne, J.-P.; Chigot, P. L.; Maroteaux, P.: Leri's melorheostosis: three pediatric cases and a review of the literature (ab), **127:** 852, 1978
Beaver, Brian M. See Kolibash, Albert J.
Beck, A. Robert. See Goldfine, Susan L.
Beck, Charles L. See Faer, Michael J.
Beck, Hiroichi. See Asari, Syoji
Beckenbaugh, Robert D.
new concepts in arthroplasty of the hand and wrist (ab), **127:** 568, 1978
Becker, H.
—; Newton, T. H.: internal carotid artery supply in juvenile angiofibroma (ab), **129:** 846, 1978
Becker, Hartmut
—; Grau, Holger; Hacker, Hans; Ploder, Karl-Walter: base of the skull: comparison of computed and conventional tomography (ab), **128:** 269, 1978
Becker, Joseph M.
case of the summer season: benign metastasizing leiomyomas of the lung, (SR), **13:** 189, 1978
Becker, Joshua, A. See Madayag, Manuel A.
Becker, Lewis C. See Alderson, Philip O.
Becker, M. See Weissberg, D. L.
Becker, Ronald. See Hansen, Gail C.
Beckers, C. See Pauwels, S.
Beckmann, Carl F.
—; Abrams, Herbert L.: renal vein valves: incidence and significance, **127:** 351, 1978
Beebe, G. W. See McGregor, D. H.
Behan, M.
—; Mok, H.; Bell, C. D.; Whitney, B. P.: concentration maximum concept in intravenous cholangiography (ab), **127:** 564, 1978
Behan, Michael
—; Kazam, Elias: echographic characteristics of fatty tissues and tumors, **129:** 143, 1978
—; Martin, Eric C.; Muecke, Edward C.; Kazam, Elias: myelolipoma of the adrenal: two cases with ultrasound and CT findings, (AJR), **129:** 993, 1977
—; Kazam, Elias: sonography of the common bile duct: value of the right anterior oblique view, (AJR), **130:** 701, 1978
Behar, Victor S. See Lieppe, William
Beierwaltes, William H. See Thrall, James H.
—; Wieland, Donald M.; Yu, Terry; Swanson, Dennis P.; Mosley, Stephen T.: adrenal imaging agents: rationale, synthesis, formulation and metabolism, (SNM), **8:** 5, 1978
treatment of hyperthyroidism with iodine-131, (SNM), **8:** 95, 1978
treatment of thyroid carcinoma with radioactive iodine, (SNM), **8:** 79, 1978
Beighton, P. See Heselson, N. G.
Bein, M. E.
—; Putman, C. E.; McLoud, Theresa C.; Mink, J. H.: reevaluation of intrathoracic lymphadenopathy in sarcoidosis, (AJR), **131:** 409, 1978
Bein, Marshall E. See Mink, Jerrold H.
Bekerman, Carlos. See MacMahon, Heber; Pechman, Robert
—; Port, Ronald B.; Pang, Emily; Moohr, John W.; Kranzler, Jeffry K.: scintigraphic evaluation of childhood malignancies by ^{67}Ga-citrate, **127:** 719, 1978
Belanger, Gary. See Bromage, Philip R.; Scotti, Giuseppe; Tchang, Stanley
Belber, Joseph P. See Bill, Kazuko
Beldon, John R. See Waxman, Alan D.
Belgrano, E. See Carmignani, G.
Belitsky, Philip
—; Ghose, Tarun; Aquino, Jose; Tai, Joseph; MacDonald, Alan S.: radionuclide imaging of metastases from renal-cell carcinoma by ^{131}I-labeled antitumor antibody, **126:** 515, 1978
—; Ghose, Tarun; Aquino, Jose; Norvell, Steven T.; Blair, A. Huntley: radionuclide imaging of primary renal-cell carcinoma by I-131-labeled antitumor antibody (ab), **128:** 862, 1978
Bell, C. D. See Behan, M.
Bell, Herbert S. See Gardner, W. James
Bell, Hubert H. See Morgan, David L.
Bell, John H.
—; Waggener, Robert G.: method for rapid determination of the energy of electron beams from medical linear accelerators, **126:** 787, 1978
Bell, Martin J.
—; Ternberg, Jessie L.: antenatal diagnosis of diaphragmatic hernia (ab), **127:** 563, 1978
—; Ternberg, Jessie L.; Feigin, Ralph D.; Keating, James P.; Marshall, Richard; Barton, Leslie; Brotherton, Thomas: neonatal necrotizing enterocolitis: therapeutic decisions based upon clinical staging (ab), **128:** 276, 1978
—; Ternberg, Jessie L.; Keating, James P.; Moedjona, S.; McAlister, William; Shackelford, Gary D.: prepyloric gastric antral web: puzzling epidemic (ab), **129:** 854, 1978
Bell, W. See Mueller, S. M.
Belleza, Norberto A. See Chang, Stanley F.
—; Lowman, Robert M.: suture granuloma of the stomach following total colectomy, **127:** 84, 1978
Bellini, F. See Masera, G.
Bellon, Errol M. See Rashad, Fouad A.
Belloni, G.
—; Di Rocco, C.; Galli, G.; Iannelli, A.; Izzo, G.: normal limits of the lateral cerebral ventricles on the lateral phlebogram: statistical analysis (ab), **127:** 845, 1978
—; Baciocco, A.; Borrelli, P.; Sagui, G.; Di Rocco, C.; Maira, G.: value of CT for the diagnosis of pituitary microadenomas in children (ab), **129:** 845, 1978
Belovich, Doris. See Lalli, Anthony F.
Benacerraf, Beryl. See Dreyfuss, Jack R.
Ben Arieh, J. See Adler, O.
Bencomo, Jose. See Haus, Arthur G.
Bender, Clair E. See Brown, Manuel L.
Bender, Robert L.
—; Jaffe, Richard B.; McCarthy, Dennis; Ruttenberg, Herbert D.: echocardiographic diagnosis of bacterial endocarditis of the mitral valve in a neonate (ab), **127:** 572, 1978
Bender, U. G. See Oppermann, H. C.
Beneux, J.
—; Rigault, P.; Pouliquen, J. C.; Tanguy, D.; Durand, Y.; LeHenaff, J. C.: scoliosis and kyphoscoliosis in rare constitutional disorders (ab), **128:** 278, 1978
Beneventano, Thomas C.
radiologic examination of the orohypopharynx and esophagus: barium swallow (bk rev), **128:** 555, 1978
Benfield, John R. See Liebman, Paul R.
Bengmark, Stig. See Lunderquist, Anders
Benink, Robert Jan
localizing device for x-ray sources, **128:** 508, 1978
Benjamin, Jeffery. See Lefleur, Richard S.
Benjamin, M. Vallo. See Leo, Jin S.
Ben-Menachem, Yoram
paradoxic response to intraarterial lidocaine analgesia, (AJR), **130:** 360, 1978
Bennett, Dale W. See Duncan, Ralph E.
Bennett, Donald R. See Aita, John F.
Bennett, Kent R. See Raulston, Gilbert L.
Benozio, M. See Roche, A.
Bensasson, M. See Lequesne, M.
Benson, Jr., Ralph C. See Alter, Albert J.
Benton, E. V. See Tobias, C. A.
Bentson, John
—; Reza, Michael; Winter, James; Wilson, Gabriel: steroids and apparent cerebral atrophy on computed tomography scans (ab), **128:** 268, 1978
Bentz, Rodney R. See Neuhaus, Aron
Benua, R. S. See Garcia. Antonio C.; Yeh, Samuel D. J.
Benua, Richard S. See Fitzgerald, Patrick J.; Turbiner, Elliott H.
Benz, Ulrich F. See Wiggli, Urs
Beranbaum, Samuel L. See Som, Peter M.
Beranek, Ivo. See Moore, Richard
Berdon, Walter E. See Haller, Jack O.; Slovis, Thomas L.
Berenberg, Arnold L. See Hall, Ferris M.
Bereza, Ulana L. See Poznanski, Andrew K.
Berg, David J. See Sones, Jr., Peter J.
Berg, Roger. See Arnold, Samuel J.
Berger, Harvey J.
—; Gottschalk, Alexander; Zaret, Barry L.: dual radionuclide study of acute myocardial infarction: comparison of thallium-201 and technetium-99m stannous pyrophosphate imaging in man (ab), **128:** 860, 1978
Berger, M. See Mascatello, V. J.
Berger, Marc
—; Smith, Edward H.; Bartrum, Jr., Royal J.; Holm, Hans Henrick; Mascatello, Vincent: false-positive diagnoses of pancreatic tail lesions caused by colon (ab), **127:** 857, 1978
Berger, Marvin
—; Bobak, Leopold; Jelveh, Mansoor; Goldberg, Emanuel: pericardial effusion diagnosed by echocardiography: clinical and electrocardiographic findings in 171 patients (ab), **129:** 860, 1978

Berger, Paul E.
—; Kuhn, Jerald P.; Munschauer, Richard W.: computed tomography and ultrasound in the diagnosis and management of neuroblastoma, **128:** 663, 1978
—; Kuhn, Jerald P.: computed tomography of tumors of the musculoskeletal system in children: clinical applications, **127:** 171, 1978
Bergeron, R. Thomas. See Leo, Jin S.
Berggren, Michael J. See Gustafson, David E.
Bergiron, Charles. See Castellino, Ronald A.
Bergland, Richard M. See Brennan, Robert W.
Bergman, Stuart M. See Javadpour, Nasser
Bergsholm, Per. See Slagsvold, Jon E.
Bergsteinsson, Hordur. See Coates, Allan L.
Bergstrom, William H. See Nelken, Robert P.
Bergvall, Ulf. See Edner, Goran
Berk, Robert N. See Davis, Tim J.; Loeb, Peter M.
cholecystokinin cholecystography in the diagnosis of chronic acalculous cholecystitis and biliary dyskinesia: critical appraisal (ab), **126:** 279, 1978
Berkoff, Herbert A. See Crummy, Andrew B.
Berkow, Andrew E.
—; Henkin, Robert E.: double inferior vena cava or iliac vein occlusion? diagnostic problem in radionuclide venograms, (AJR), **130:** 529, 1978
—; Salo, Bruce C.: kinky chest tube: sign of entrapment following median sternotomy, (AJR), **129:** 883, 1977
Berman, Wulfred
—; Johnson, Burton A.: value of routine skull radiography in clinical evaluation of children with recurrent convulsions (ab), **126:** 273, 1978
Bernal-Ramirez, Jose Alberto
—; Phillips, John H.: echocardiographic study of malfunction of the Bjork-Shiley prosthetic heart valve in the mitral position (ab), **126:** 841, 1978
Bernardino, Michael E. See Conoley, Patrick M.
—; Danziger, Julius; Young, Sue Ellen; Wallace, Sidney: computed tomography in ocular neoplastic disease, (AJR), **131:** 111, 1978
—; Lawson, Thomas L.: emphysematous gastritis and gastric perforation: unusual manifestation of alkaline corrosive ingestion (ab), **127:** 565, 1978
—; Goldstein, Harvey M.; Green, Barry: gray scale ultrasonography of adrenal neoplasms, (AJR), **130:** 741, 1978
—; Green, Barry; Goldstein, Harvey M.: ultrasonography in the evaluation of post-nephrectomy renal cancer patients, **128:** 455, 1978
Bernas, Elviro. See Rothberg, Murray
Bernhard, Gerson C. See Kozin, Franklin
Bernhard, Robert A. See Pavlov, Helene
Bernoulli, R. See Faust, H.
Bernstein, Jay. See Haddy, Theresa B.
Bernstein, Leslie. See Donald, Paul J.
Bernstein, Robert G. See Older, Robert A.
Bersky, Leon. See Fitzpatrick, John J.
Berteaux, D. See Fingerhut, A.
Bertelsen, K. See Andersen, A. P.
Bertrand, Margaret
—; Chen, James T. T.; Libshitz, Herman I.: lymph node calcification in Hodgkin's disease after chemotherapy, (AJR), **129:** 1108, 1977
Bessent, Rodney G. See Fogelman, Ignac
Besser, Arthur S. See Mangurten, Henry H.
Bessinger, F. Blanton. See Orsmond, Garth S.
Bessinger, Jr., F. Blanton. See Bass, John L.
Besson-Leaud, Marc. See Chassevent, Jacques
Bettex, M. See Blasimann, B.
Bettmann, Michael A. See Joffe, Norman
Beven, Edwin. See Haaga, John R.
Bewley, D. K.
dosimetry techniques for fast neutrons (ab), **129:** 288, 1978
Bhan, Ina. See Leonidas, John C.
Bharati, Saroja. See Aziz, Kalim U.
Bhate, Dharmashi V.
—; Pizarro, Antonio J.; Greenfield, George B.: idiopathic hypertrophic osteoarthropathy without pachyderma, **129:** 379, 1978
Bhatia, J. L. See Thind, G. S.
Bhatt, Dilip R.
—; Isabel-Jones, Josephine B.; Villoria, Guillermo J.; Nakazawa, Makoto; Yabek, Steven M.; Marks, Richard A.; Jarmakani, Jay M.: accuracy of echocardiography in assessing left ventricular dimensions and volume (ab), **128:** 572, 1978
Bhuta, S. M. See Afroudakis, A.
Bidot-Lopez, Pascual
—; Ablow, Ronald C.; Ogden, John A.; Mahoney, Maurice J.: case of short rib polydactyly (ab), **128:** 856, 1978
Biello, Daniel R.
—; Levitt, Robert G.; Siegel, Barry A.; Sagel, Stuart S.; Stanley, Robert J.: computed tomography and radionuclide imaging of the liver: comparative evaluation, **127:** 159, 1978
Bier, Robert K.
—; Osborne, Isaac J. T.: pulmonary changes in paraquat poisoning, **127:** 308, 1978
Bigot, J. M. See Cremniter, D.
Bilaniuk, Larissa. See Lin, Shu-Ren
Bilaniuk, Larissa T. See Dolinskas, Carol A.; Zimmerman, Robert A.
Bill, Kazuko
—; Belber, Joseph P.: diagnosis of gangrene and perforation of the gallbladder by endoscopic retrograde cholangiography, (AJR), **130:** 67, 1978
Biller, Hugh F. See Blitzer, Andrew
Billingham, Margaret E. See Bristow, Michael R.
Binet, Eugene F. See Kieffer, Stephen A.
Bini, Roberta M.
—; Bloom, Kenneth R.; Culham, J. A. Gordon; Freedom, Robert M.; Williams, Constance M.; Rowe, Richard D.: reliability and practicality of single crystal echocardiography in the evaluation of single ventricle: angiographic and pathological correlates (ab), **127:** 858, 1978
Birken, Eric A. See Parisier, Simon C.
Birnbaum, William. See Sargent, E. Nicholas
Birnbaum, William B. See Poleynard, Gary D.
Birnholz, Jason C. See Seltzer, Steven E.
—; Stephens, John C.; Faria, Michael: fetal movement patterns: possible means of defining neurologic developmental milestones in utero, (AJR), **130:** 537, 1978
Bishop, Earl. See Lipton, Martin J.
Bisla, Virendra. See D'Cruz, Ivan A.
Bitran, Jacob D.
—; DeMeester, Tom R.; Rezai-Zadeh, Karim; Toledo-Pereyra, Luis H.; Churg, Andrew; Golomb, Harvey M.: clinicopathologic correlations demonstrating the failure of ^{67}gallium scanning in determining response to radiotherapy (ab), **128:** 286, 1978
Biuso, Thomas J. See Morehouse, Helen T.
Bivins, Brack A.
—; Sachatello, Charles R.; Chuang, Vincent P.; Brady, Patrick: hemosuccus pancreaticus (hemoductal pancreatitis): gastrointestinal hemorrhage due to rupture of a splenic artery aneurysm into the pancreatic duct (ab), **129:** 276, 1978
Bjarngard, Bengt E. See Arnold, Ben A.; Levene, Martin B.
Bjelland, John C. See Tonkin, Ina L. D.
Black, Edward B. See Kirkpatrick, Robert H.; Wittenberg, Jack
—; Ferrucci, Jr., Joseph T.: new cholangiographic sign of common bile duct obstruction: initial opacification of intrahepatic ducts, (AJR), **130:** 61, 1978
Black, F. O. See Rosenbaum, A. E.
—; Myers, Eugene M.; Parnes, Steven M.: surgical management of vagal chemodectomas (ab), **128:** 562, 1978
Black, Gerald A.
—; Carsky, Edward W.: duodenal tuberculosis, (AJR), **131:** 329, 1978
Black, Mary. See Helfer, Ray E.
Black, Mary Jo. See Rasmussen, Susan
Blackmon, John R. See Hall, Ronald R.
Blackstone, Eugene H. See Riley, Jr., Stancel M.
Blackstone, Michael O.
—; Nemchausky, Bernard A.: cholangiographic abnormalities in ulcerative colitis associated pericholangitis which resemble sclerosing cholangitis (ab), **129:** 853, 1978
Blackwell, Eric
—; Merory, John; Toole, James F.; McKinney, William: Doppler ultrasound scanning of the carotid bifurcation (ab), **126:** 282, 1978
Blackwell, James E.
—; Potchen, E. J.; Laidlaw, W. William; Paul, Larry H.: traumatic arterio-caliceal fistula, **129:** 633, 1978
Blackwood, R. Andrew
—; Bloom, Kenneth R.; Williams, Constance M.: aortic stenosis in children: experience with echocardiographic prediction of severity (ab), **127:** 857, 1978
Blahd, William H. See Hecht, Harvey S.
Blair, A. Huntley. See Belitsky, Philip
Blaivas, Jerry G. See Rao, Chadalawada N.
Blakeney, Charles G. See Lea Thomas, M.
Blank, Howard S. See Millman, Arthur
Blasimann, B.
—; Kuffer, F.; Bettex, M.: surgical considerations of hyperplasia of the thymus (ab), **127:** 276, 1978
Blasko, John C. See Simko, Thomas G.
Bledin, Anthony Gerald. See Rabin, Michael Stanley
Bledsoe, Raleigh. See Newmark, III, Harris; Olken, Sherwin M.
Bledsoe, Raleigh Cornelius. See Sample, William Frederick
Bleehen, N. M. See Wiernik, G.
Bleshman, Michael H.
—; Banner, Marc P.; Johnson, Randle C.; DeFord, James W.: inflammatory esophagogastric polyp and fold, **128:** 589, 1978
—; Levy, Robert M.: unusual location of an osteochondroma, **127:** 456, 1978
Blieden, Leonard C.
—; Schneeweiss, Adam; Deutsch, Victor; Neufeld, Henry N.: anomalous venous connection from the left atrium to the cardinal venous system: "levoatriocardinal vein", (AJR), **129:** 937, 1977
Blitzer, Andrew
—; Lawson, William; Biller, Hugh F.: malignant fibrous histiocytoma of the head and neck (ab), **128:** 563, 1978
Bloch, Antoine. See Vignola, Paul A.
Bloch, P. See Nouel, O.
Bloch, Peter. See Hale, John; Makler, Jr., P. Todd
Bloch, Peter H. See Alavi, Abass
Block, A. Jay. See Boysen, Philip G.
Blok, P. See Thijs, L. G.
Blomquist, Jr., Gustav A. See Little, John R.
Blomqvist, C. Gunnar. See Gaffney, Francis A.
Bloom, Kenneth R. See Bini, Roberta M.; Blackwood, R. Andrew
Bloom, Robert
—; Sybert, Allender; Mascatello, V. J.: granulomatous biliary obstruction due to sarcoidosis: report of a case and review of the literature (ab), **128:** 853, 1978
Bloomfield, C. D. See Cotman, H. E.
Bloor, K. See Lascelles, R. G.
Bluestone, Charles D. See Reichert, Timothy J.
Blum, Jeffrey
—; Reed, James C.; Pizzo, Salvatorie V.; Thompson, William M.: miliary aspergillosis associated with alcoholism, (AJR), **131:** 707, 1978
Boat, Thomas F. See Alvarado, Carlos S.
Bobak, Leopold. See Berger, Marvin
Bobechko, Walter P. See Wenger, Dennis R.
Bodenheimer, Monty M. See Morrison, Carol A.
Boechat, Maria Ines
—; Gilsanz, Vincente; Fellows, Kenneth E.: subclavian artery as the first branch of the aortic arch: normal variant in two patients, (AJR), **131:** 721, 1978
Boehnke, Manfred. See Dubois, Philip J.
Boennec, M. See Lamarque, J. L.
Boesel, Carl P. See Paulson, George W.
Boex, Robert M. See Wepfer, Joseph F.
Bogart, Douglas B. See Wong, Bert Y. S.
Bogren, Hugo G. See McGahan, John P.; Merten, David F.
Bohne, Walter H. O. See Schneider, Robert
Boice, Jr., John D.
—; Monson, Richard R.: breast cancer in women after repeated fluoroscopic examinations of the chest (ab), **126:** 287, 1978
—; Rosenstein, Marvin; Trout, E. Dale: estimation of breast doses and breast cancer risk associated with repeated fluoroscopic chest examinations of women with tuberculosis (ab), **128:** 272, 1978
Boijsen, E. See Almen, T.
Boldt, D. W. See Fitz, C. R.
Boldt, David W. See Fitz, Charles R.
Bolender, Nicole
—; Cromwell, Laurence D.; Wendling, Lyle: fracture of the occipital condyle, (AJR), **131:** 729, 1978
Boles, Jr., E. Thomas. See Hoy, Gregory R.
Boles, Roger. See Fu, Karen K.
Bolla, Michel. See Jampolis, Samuel
Bolton, W. Kline. See Suratt, Paul M.
Bonakdarpour, A.
—; Levy, Walter M.; Aegerter, Ernest: primary and secondary aneurysmal bone cyst: radiological study of 75 cases, **126:** 75, 1978
Bone, George E.
—; Slaymaker, Earlene E.; Barnes, Robert W.: noninvasive assessment of collateral blood flow of the cerebral hemisphere by Doppler ultrasound (ab), **128:** 281, 1978
Bonilla-Santiago, Jaime
—; Fill, William L.: sand aspiration in drowning and near drowning, **128:** 301, 1978
Bonnet, John D. See Yeung, Kai-Yiu
Bonnin, P. See Cabanis, E. A.
Bonte, Frederick J. See Kulkarni, Padmakar V.

Bookstein, Joseph J. See Naderi, Mohammad J.
—; Naderi, Mohammad J.; Walter, Joseph F.: transcatheter embolization for lower gastrointestinal bleeding, **127:** 345, 1978
Boone, Max L.
—; Lawrence, John H.; Connor, William G.; Morgado, Richard; Hicks, John A.; Brown, Richard C.: introduction to the use of protons and heavy ions in radiation therapy: historical perspective (ab), **129:** 287, 1978
Boquist, L. See Lundstrom, B.
Borjesson, Bengt. See Lunderquist, Anders
Borkat, Gordon. See Riggs, Thomas
Borlaza, Gil S. See Kuhns, Lawrence R.
Bormer, O. See Kjorstad, K. E.
Boroff, R. D.
—; Pribram, H. F. W.: coronal and sagittal reconstruction in computerised tomography (ab), **128:** 268, 1978
Borrelli, P. See Belloni, G.
Borsari, Allan. See Allen, John W.
Bosch, Antonio. See Kademian, Michael T.
—; Frias, Zenaida: complications after radiation therapy for cervical carcinoma (ab), **127:** 862, 1978
Bosniak, Morton A. See Ambos, Marjorie A.; Madayag, Manuel A.
Boston, Susan. See Jabbari, Bahman
Boswell, William. See Sargent, E. Nicholas
Botsch, H.
pericardial effusion: evidence from demonstration of epicardial fat tissue (ab), **126:** 550, 1978
Bottomley, R. See Livingston, R. B.
Botvinick, Elias H. See Schiller, Nelson B.; Schor, Robert A.; Sharpe, D. Norman
Boucher, Charles A.
—; Fallon, John T.; Myers, Gordon S.; Hutter, Jr., Adolph M.; Buckley, Mortimer J.: value and limitations of echocardiography in recording mitral valve vegetations (ab), **127:** 572, 1978
Boucot, Kathryn. See Weiss, William
Boudou, A.
—; Channarond, J.; Romanet, P.; Herzog, B.: passage of Gastrografin into the small mesenteric veins during an opaque enema (ab), **128:** 854, 1978
Bourdain, J. L. See Fingerhut, A.
Bouwman, David. See Sugawa, Choichi
Bove, Keven E. See Iacuone, John J.
Bovill, Jr., Edwin G. See Wilson, John S.
Bowen, Thomas E. See Quash, Joseph A.
Bower, Richard J.
—; Kiesewetter, William B.: mediastinal masses in infants and children (ab), **126:** 839, 1978
Bowers, William H.
—; Hurst, Lawrence C.: gamekeeper's thumb: evaluation by arthrography and stress roentgenography (ab), **126:** 279, 1978
Bowie, James D. See Rochester, David
—; Rochester, David; Cadkin, Alan V.; Cooke, William T.; Kunzmann, Axel: accuracy of placental localization by ultrasound, **128:** 177, 1978
ultrasound of gynecologic pelvic masses: indefinite uterus and other patterns associated with diagnostic error (ab), **127:** 857, 1978
Bowring, S. See Lavender, J. P.
Bowser, Michael. See Warner, Robert A.
Boyce, William H. See Resnick, Martin I.
Boychuk, Rodney B.
—; Lyons, Edward A.; Goodhand, Thomas K.: duodenal atresia diagnosed by ultrasound, **127:** 500, 1978
Boyd, Charles M. See Vieras, Frank
Boyd, Douglas. See Lipton, Martin J.; Norman, David
Boyd, Douglas P. See Brasch, Robert C.
Boyd, Wayne R. See Arntson, Thomas L.; Ballard, Gary L.
Boyer, John. See Margolis, Harold S.
Boyle, Iain T. See Fegelman, Ignac
Boysen, Philip G.
—; Block, A. Jay; Olsen, Gerald N.; Moulder, Peter V.; Harris, J. O.; Rawitscher, Robert E.: prospective evaluation for pneumonectomy using the ^{99m}Technetium quantitative perfusion lung scan (ab), **126:** 845, 1978
Brach, B. Bowman. See Moser, Kenneth M.
Brackmann, Derald E. See Sheehy, James L.
Bradac, G. B.
—; Simon, R. S.; Grumme, T.; Schramm, J.: limitations of computed tomography for diagnostic neuroradiology (ab), **127:** 842, 1978
Bradenham, Ben P. See Kelvin, Frederick M.
Bradfield, John S. See Barnes, Walter H.
Bradley, III, Edward L. See Goldman, Martin L.
Bradley, J. G.
—; Huang, H. K.; Ledley, R. S.: evaluation of calcium concentration in bones from CT scans, **128:** 103, 1978
Brady, Luther W.
cancer of the breast: time for caution, (AJR), **129:** 969, 1977
Brady, Patrick. See Bivins, Brack A.
Bragg, David G. See Williams, R. Gayle
Braitman, Barbara S. See Kirkpatrick, Robert H.
Braman, Sidney S. See Irwin, Richard S.
Bramwell, R. Stuart B. See Bromage, Philip R.
Brand, Myron H. See Chang, Stanley F.
Brandt, Peter W. T. See Partridge, John B.
Brantigan, Charles O. See Van Stiegmann, Gregory
Brantley, Robert E. See Spriggs, David W.
Brant-Zawadzki, M.
—; Enzmann, Dieter R.: computed tomographic brain scanning in patients with lymphoma, **129:** 67, 1978
Brasch, Robert C. See Moss, Albert A.
—; Korobkin, Melvyn; Gooding, Charles A.: computed body tomography in children: evaluation of 45 patients, (AJR), **131:** 21, 1978
—; Boyd, Douglas P.; Gooding, Charles A.: computed tomographic scanning in children: comparison of radiation dose and resolving power of commercial CT scanners, (AJR), **131:** 95, 1978
Brascho, Donn J.
—; Kim, Robert Y.; Wilson, Edwina E.: use of ultrasonography in planning intracavitary radiotherapy of endometrial carcinoma, **129:** 163, 1978
Braun, P. See Baechli, D.
—; Nussle, D.; Roy, C. C.; Cuendet, A.: intramural diverticulosis of the esophagus in an eight-year-old boy (ab), **128:** 854, 1978
Braunstein, Ethan M.
—; Martel, William: voluntary glenohumeral dislocation, (AJR), **129:** 911, 1977
Braunstein, Philip. See Chandra, Ramesh
Braver, John H. See Pugatch, Robert D.
Bream, Charles A. See Jaques, Paul F.
Bream, Peter R. See Souza, Jr., Arthur S.
—; Elliott, Larry P.; Bargeron, Jr., L. M.: plain film findings of anatomically corrected malposition: its association with juxtaposition of the atrial appendages and right aortic arch, **126:** 589, 1978
Brebner, D. M. See McIntyre, N. G.
Bredin, Charles P.
—; Richardson, Paul R.; King, Thomas K. C.; Sniderman, Kenneth W.; Sos, Thomas A.; Smith, James P.: treatment of massive hemoptysis by combined occlusion of pulmonary and bronchial arteries (ab), **129:** 562, 1978
Bree, Robert L. See Wicks, Jeffrey D.
—; Green, Barry: gray scale sonographic appearance of intra-abdominal mesenchymal sarcomas, **128:** 193, 1978
Breiman, Richard S. See Harell, George S.
—; Castellino, Ronald A.; Harell, George S.; Marshall, William H.; Glatstein, Eli; Kaplan, Henry S.: CT-pathologic correlations in Hodgkin's disease and non-Hodgkin's lymphoma, **126:** 159, 1978
Brenbridge, A. Norman A. G. See Lees, Richard F.
Brennan, James T.
history of the use of neutrons in radiation therapy (ab), **129:** 287, 1978
Brennan, Murray F. See Mills, Steven R.
Brennan, Richard
—; Cossrow, Joel; Pollack, Howard: liver metastases discovered during high-dose excretory urography, **127:** 373, 1978
Brennan, Robert W.
—; Bergland, Richard M.: acute cerebellar hemorrhage: analysis of clinical findings and outcome in 12 cases (ab), **127:** 844, 1978
Brenner, Joel I.
—; Tompkins, Dorothy G.: contrast echocardiographic findings in an infant with right coronary artery to right ventricular fistula, (AJR), **130:** 983, 1978
—; Waugh, Robert A.: effect of phasic respiration on left ventricular dimension and performance in a normal population: an echocardiographic study (ab), **127:** 858, 1978
Brensilver, Jeffrey. See Kittredge, Richard D.
Brereton, Harmar D. See Dunnick, N. Reed; Kent, C. Harry
Breslow, Lester
—; Thomas, Louis B.; Upton, Arthur C.: summary report of NCI ad hoc working groups on mammography in screening for breast cancer (ab), **126:** 274, 1978
Breslow, N. E.
—; Palmer, N. F.; Hill, L. R.; Buring, J.; D'Angio, G. J.: Wilms' tumor: prognostic factors for patients without metastases at diagnosis. results of the National Wilms' Tumor Study (ab), **128:** 569, 1978
Brezovich, Ivan A. See Darnes, Gary T.
Brickman, Fred E. See Lee, Timothy G.
Brighton, Carl T. See Forsted, David L.
Brik, Henry. See Joffe, C. David
—; Meller, Jose; Bahler, Alan S.; Herman, Michael V.; Teichholz, Louis E.: systolic anterior motion of the tricuspid valve in idiopathic hypertrophic subaortic stenosis (ab), **129:** 572, 1978
Brill, A. B.
—; Erickson, J. J.: display systems in nuclear medicine, (SNM), **8:** 155, 1978
Brill, Charles B.
—; Rose, Judith S.; Godmilow, Lynn; Sklower, Susan; Hirschhorn, Kurt: spastic quadriparesis due to C_1-C_2 subluxation in Hurler syndrome (ab), **129:** 565, 1978
Brill, P. W.
—; Mitty, H. A.; Strauss, L.: renal vein thrombosis: cause of intrarenal calcification in the newborn (ab), **127:** 856, 1978
Brill, Paula W. See Kleinman, Paul K.; Leonidas, John C.
Brindle, J. See Wiernik, G.
Brinkley, D. M. See Cochrane, A. M. G.
Brinley, Gerald. See Christensen, Edward E.
Brinsfield, Dorothy. See Felner, Joel M.
Brismar, Gudrun. See Brismar, J.
Brismar, J.
—; Brismar, Gudrun; Davis, K. R.: superior ophthalmic vein at computed tomography (ab), **126:** 832, 1978
Bristow, Michael R.
—; Mason, Jay W.; Billingham, Margaret E.; Daniels, John R.: doxorubicin cardiomyopathy: evaluation by phonocardiography, endomyocardial biopsy, and cardiac catheterization (ab), **128:** 853, 1978
Broadfoot, E.
—; Martin, G.: barium granuloma of the rectum (ab), **127:** 284, 1978
Brochard, A.
—; Juif, J.-G.; Pautrat, F.: fibroma of the heart: review and report of a case in an infant (ab), **128:** 853, 1978
Broderick, Thomas. See Higgins, Charles B.
Broderick, Thomas W. See Resnick, Donald
—; Higgins, Charles B.; Guthaner, Diana F.; Friedman, William F.; Stevenson, James G.; French, James W.: critical aortic stenosis in neonates, **129:** 393, 1978
Brodie, Bruce R. See Mills, Peter G.
Brodrick, John D.
luxation of the globe in Engelmann's disease (ab), **128:** 851, 1978
Brody, Arnold R. See Suratt, Paul M.
Brody, Steven L. See Keyes, Jr., John W.
Brody, William R. See Minagi, Hideyo
Broerse, Johan J.
—; Greene, David; Lawson, Robert C.; Mijnheer, Ben J.: operational characteristics of two types of sealed-tube fast-neutron radiotherapy installations (ab), **129:** 288, 1978
Brogdon, Bryon G.
—; Kelsey, C. A.; Moseley, Robert D.: effect of fatigue and alcohol on observer perception, (AJR), **130:** 971, 1978
Bromage, Philip R.
—; Bramwell, R. Stuart B.; Catchlove, Richard F. H.; Belanger, Gary; Pearce, Colin G. A.: peridurography with metrizamide: animal and human studies, **128:** 123, 1978
Bronfman, Howard J. See Makhija, Mohanlal C.
Bronskill, M. J. See Johns, H. E.
Bronstein, Howard D. See Glasser, Cary M.
Brookeman, Valerie A.
computers and quality control in nuclear medicine, (SNM), **8:** 113, 1978
Brooks, George F. See Kauffman, Carol A.
Brooks, Harold L. See Sheppard, J. M.
Brooks, John G.
—; Bustamante, Sergio A.; Koops, Beverly L.; Hilton, Saskia; Cooper, David; Wesenberg, Richard L.; Simmons, Michael A.: selective bronchial intubation for the treatment of severe localized pulmonary interstitial emphysema in newborn infants (ab), **127:** 849, 1978
Brooks, John R. See Lewicki, Ann M.
Brooks, R. See Johns, H. E.
Brooks, Rodney A. See Chew, Evelyn; Di Chiro, Giovanni
—; Di Chiro, Giovanni: split-detector computed tomography: preliminary report, **126:** 255, 1978
Brosman, Stanley A. See Richie, Jerome J.
Bross, Irwin D. J.
—; Natarajan, N.: genetic damage from diagnostic radiation (ab), **126:** 287, 1978
Brotherton, Thomas. See Bell, Martin J.

Brotherus, V. See Kormano, M.
Brown, D. J. See Sanderson, J. E.
Brown, David J. See St. John Sutton, Martin G.
Brown, J. C. See Newmark, III, Harris
Brown, L. R. See Strimlan, C. Vaughn
Brown, Larry R. See Crowe, John K.; Julsrud, Paul R.
Brown, Manuel L. See Kaufman, Robert A.
—; Swee, Ronald G.; Olson, Robert J.; Bender, Clair E.: pulmonary uptake of ^{99m}Tc diphosphonate in alveolar microlithiasis, (AJR), **131:** 703, 1978
Brown, Paul H. See Royal, Henry D.
Brown, R. C. See Storm, P. B.
Brown, R. W. See Kozlowski, K.
Brown, Richard C. See Boone, Max L.
Brownlie, Ken
—; Kreel, Louis: computer assisted tomography of normal suprarenal glands (ab), **127:** 855, 1978
Browse, Norman L. See Lea Thomas, M.
Bruce, Derek. See Zimmerman, Robert A.
Bruderman, Israel. See Mittman, Charles
Bruel, J. M. See Lamarque, J. L.
Brugarolas, A. See Pueyo, I.
Brumback, Roger A.
—; Yoder, Frank W.; Andrews, Alan D.; Peck, Gary L.; Robbins, Jay H.: normal pressure hydrocephalus: recognition and relationship to neurological abnormalities in Cockayne's syndrome (ab), **129:** 272, 1978
Brumley, George W. See Smith, Roberta M.
Brunelle, Rocco L. See Miller, Roscoe E.
Bruneton, J. N. See Sabatier, J. C.
Bruno, Leonard. See Zimmerman, Robert A.
Bryan, Patrick J. See Seidelmann, Frank E.
—; Dinn, W. Martin: isodense masses on CT: differentiation by gray scale ultrasonography, (AJR), **129:** 989, 1977
Bryan, R. Nick
—; Drewyer, R. G.; Gee, William: separate origins of the left internal and external carotid arteries from the aorta, (AJR), **130:** 362, 1978
Bryan, Richard S.
total replacement of the elbow joint (ab), **127:** 568, 1978
Bryk, David. See Nusbacher, Noel
strangulating obstruction of the bowel: reevaluation of radiographic criteria, (AJR), **130:** 835, 1978
Bryson, A. Laird. See Hall, Ronald R.
Bryson, Michael M. See Lin, Shu-Ren
Bubanj, Radovan. See Schabel, Stephen I.
Buchanan, Jerry B.
—; Jager, Rama M.: contact spot xeromammography in the early diagnosis of breast cancer, (AJR), **130:** 1159, 1978
Buchler, Dolores A. See Kademian, Michael T.
Buckingham, P. D. See Lenzi, G. L.
Buckley, Bernardine H.
—; Rouleau, Jacques R.; Whittaker, James Q.; Strauss, H. William; Pitt, Bertram: use of ^{201}thallium for myocardial perfusion imaging in sarcoid heart disease (ab), **126:** 286, 1978
Buckley, Mortimer J. See Boucher, Charles A.
Buckspan, G. S. See Kirchner, S. G.
Budge, Arthur F. See Lester, Patrick D.
Budinger, Thomas F.
instrumentation trends in nuclear medicine, (SNM), **7:** 285, 1977
Budkin, Alberto
—; Gosselin, Arthur J.; Stokes, Jr., Thomas J.: on-line computer storage, retrieval, and reporting of coded angiographic data, **127:** 141, 1978
Budzilovich, Gleb N. See Butler, Alan R.
Buell, Udalrich
—; Niendorf, Hans P.; Kazner, Ekkehard; Lanksch, Wolfgang; Wilske, Jochen; Steinhoff, Harald; Gahr, Hannelore: computerized transaxial tomography and cerebral serial scintigraphy in intracranial tumors—rates of detection and tumor-type identification: concise con[illegible]ation (ab), **129:** 285, 1978
Bueschen, Anton J.
—; Lloyd, L. Keith; Dubovsky, Evan V.; Tauxe, W. Newlon: radionuclide kidney function evaluation in the management of urolithiasis (ab), **129:** 574, 1978
Buhlmeyer, K. See Dohlemann, C.
Buist, T. A. S. See Fraser, G. M.
Buja, L. Maximilian. See Kulkarni, Padmakar V.
Bukovitz, Andrew G.
—; Deutsch, Melvin; Slayton, Robert: orthogonal fields: variations in dose *vs.* gap size for treatment of the central nervous system, **126:** 795, 1978
Bulkley, Bernadine H. See Come, Patricia C.; Lappe, Donald L.
Bullimore, J. See Wiernik, G.
Bullough, Peter G. See Ahuja, Subash C.
Buncher, C. Ralph. See Maxon, Harry R.
Buntain, William L.
—; Wood, James B.; Woolley, Morton M.: pancreatitis of childhood (ab), **128:** 855, 1978
Burdick, Duncan C. See Klingensmith, III, William C.
Burdine, John A. See Dhekne, Ramesh D.; Murphy, Paul H.
Burech, Dennis L.
—; Teske, Douglas W.; Haynes, Ralph E.: right atrial myxoma in a child (ab), **127:** 563, 1978
Burelle, H. See Clement, J. P.; Corbeau, A.; Huguet, J. F.
Burgener, Francis A.
—; Perry, Patricia E.: pitfalls in the radiographic diagnosis of Paget's disease of the pelvis (ab), **129:** 280, 1978
Buring, J. See Breslow, N. E.
Burke, Erwin L.
—; Sturm, James; Williamson, Daryl: diagnosis of microscopic carcinoma of the esophagus (ab), **128:** 566, 1978
Burko, H. See Kirchner, S. G.
Burman, David. See Stevens, David
Burman, Kenneth D. See Thrall, James H.
Burnam, Ronald E. See Faer, Michael J.
Burnett, Leland L. See Gibbons, Robert P.
Burney, B.
—; Smith, W. L.; Franken, Jr., Emanuel A.; Smith, J. A.; Klatte, Eugene C.: chest film diagnosis of patent ductus arteriosus in infants with hyaline membrane disease, (AJR), **130:** 1149, 1978
Burney, Bryan T.
—; Klatte, Eugene C.: level marker for whole-body computed tomography, **129:** 238, 1978
Burnham, John
—; Fraker, Keith; Steinbach, Howard: pathologic fracture in an unusual case of gout, (AJR), **129:** 1116, 1977
Burns, H. Donald. See Oster, Zvi H.
Burns, Patricia E.
—; May, C.; Gutter, Z.; Ferri, H. A.; Grace, M.: relative accuracy of clinical examination of mammography in a breast clinic in Alberta (ab), **129:** 560, 1978
Burrell, Morton I. See Chang, Stanley F.
Burrell, Morton. See Gold, Jerome
Burrows, E. H. See Johnson, A. J.
Burstein, Jerome. See Papile, Lu-Ann
Burstein, Rochelle. See Papile, Lu-Ann
Burton, I. E.
—; Todd, J. H.; Turner, R. L.: static and dynamic imaging with indium-111 labelled bleomycin in the localization of squamous cell neoplasia (ab), **127:** 574, 1978
Burton, Mark. See Conrad, III, William C.
Buschi, Anthony J. See Lees, Richard F.
Buschke, Franz. See Fraser, Robert W.
Bush, M. See Baskin, B.
Bush, William. See Krook, Peter M.
Bush, Jr., William H. See Gibbons, Robert P.; Krook, Peter M.
Busse, H. See Vietor, K. W.
Bustamante, Sergio A. See Brooks, John G.
Butler, Alan R.
—; Horii, Steven C.; Kricheff, Irvin I.; Shannon, Michael B.; Budzilovich, Gleb N.: computed tomography in astrocytomas: statistical analysis of the parameters of malignancy and the positive contrast-enhanced CT scan, **129:** 433, 1978
—; Kricheff, Irvin I.: non-contrast CT scanning: limited value in suspected brain tumor, **126:** 689, 1978
Butler, Regina B. See Kinney, Thomas R.
Butt, James
—; Hentges, David; Pelican, George; Henstorf, Harold; Haag, Thomas; Rolfe, Rial; Hutcheson, David: bacteremia during barium enema study, (AJR), **130:** 715, 1978
Buttery, Beresford
—; Davison, Gregory: dynamic uterus revealed by time-lapse echography (ab), **129:** 861, 1978
Buttny, June H. See Flanigan, Donald J.
Byhardt, Roger W. See Cox, James D.
—; Greenberg, Maurice; Cox, James D.: local control of squamous carcinoma of oral cavity and oropharynx with 3 vs 5 treatment fractions per week (ab), **126:** 845, 1978
Byl, Frederick M.
seventy-six cases of presumed sudden hearing loss occurring in 1973: prognosis and incidence (ab), **127:** 560, 1978
Bynum, Lincoln J. See Landay, Michael J.
—; Wilson, III, James E.: radiographic features of pleural effusions in pulmonary embolism (ab), **129:** 562, 1978
Byrd, Sharon E.
—; Harwood-Nash, Derek C.; Fitz, Charles R.; Rogovitz, David M.: computed tomography in the evaluation of encephaloceles in infants and children (ab), **128:** 268, 1978
—; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M.: computed tomography of intraorbital optic nerve gliomas in children, **129:** 73, 1978
—; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M.: two projection computed tomography: axial and Towne projections, **128:** 512, 1978
Byrne, William J.
—; Cipel, Louis; Euler, Arthur R.; Halpin, Thomas C.; Ament, Marvin E.: chronic idiopathic intestinal pseudo-obstruction syndrome in children—clinical characteristics and prognosis (ab), **126:** 278, 1978
Bywaters, E. G. L. See D'Arcy, K.

C

Cabanis, E. A. See Salvolini, U.
—; Salvolini, U.; Rodallec, A.; Menichelli, F.; Pasquini, U.; Bonnin, P.: computed tomography of the optic nerve: part II. size and shape modifications in papiledema (ab), **129:** 272, 1978
Cacak, Robert K. See Jaeger, Stanley S.
Cacchione, Robert J. See Pease, Howard F.
Cacciarelli, Alexander A.
—; Young, Norman; Levine, Allan J.: gray-scale ultrasonic demonstration of nephrocalcinosis, **128:** 459, 1978
Cadkin, Alan V. See Bowie, James D.
Cagatay, Guven. See Nalbantgil, Istemi
Caglar, Haluk. See Delgado, Gregorio
Cahan, William G.
—; Shah, Jatin P.; Castro, El. B.: benign solitary lung lesions in patients with cancer (ab), **128:** 852, 1978
Cail, Wayne. See Tegtmeyer, Charles J.
Cail, Wayne S.
—; Keats, Theodore E.; Sussman, Michael D.: plastic bowing fracture of the femur in a child, (AJR), **130:** 780, 1978
Cairns, Lawrence C. See Popkin, Michael K.
Cakmak, Ahmet
—; Shidnia, Homayoon; Hornback, Ned B.; Einhorn, Lawrence: total-body irradiation with 25-MV photons in advanced non-Hodgkin's lymphoma and chronic lymphocytic leukemia: preliminary results and complications, **128:** 503, 1978
Calabresi, Massimo. See Ross, Allan M.
Calcaterra, Thomas C. See Mancuso, Anthony A.
Caldicott, W. J. H. See Morris, L. L.
Caldwell, James H. See Fromkes, John
Caldwell, Randall L. See Weyman, Arthur E.
Caldwell, William L.
why retroperitoneal lymphadenectomy for testicular tumors? (ab), **129:** 570, 1978
Calenoff, Leonid
—; Chessare, Joseph W.; Rogers, Lee F.; Toerge, John; Rosen, Joel S.: multiple level spinal injuries: importance of early recognition, (AJR), **130:** 665, 1978
—; Kruglik, Gerald D.; Woodruff, Ayn: unilateral pulmonary edema, **126:** 19, 1978
Callen, Peter W. See Filly, Roy A.; Goldberg, Henry I.; Korobkin, Melvyn; Kressel, Herbert Y.
—; Filly, Roy A.; Korobkin, Melvyn: ascitic fluid in the anterior paravesical fossa: misleading appearance on CT scans, (AJR), **130:** 1176, 1978
—; Filly, Roy A.; Korobkin, Melvyn: computed tomographic evaluation of the diaphragmatic crura, **126:** 413, 1978
—; Korobkin, Melvyn; Isherwood, Ian: computed tomographic evaluation of the retrocrural prevertebral space, (AJR), **129:** 907, 1977
Camel, H. Marvin. See Kao, Ming-Shian
Cameron, John L.
chronic pancreatic ascites and pancreatic pleural effusions (ab), **128:** 275, 1978
Camp, John C. See Allen, John W.
Campbell, D. R.
—; Mason, W. F.; Fraser, D. B.; Standen, J. R.: arteriography in malignant neoplasms of the bowel (ab), **127:** 566, 1978
Campbell, J. B. See Drennan, J. C.
Campbell, J. Keith
—; Houser, O. Wayne; Stevens, J. Clarke; Wahner, Heinz W.; Baker, Jr., Hillier L.; Folger, W. Neath: computed tomography and radionuclide imaging in the evaluation of ischemic stroke, **126:** 695, 1978

Campbell, John B. See Chilton, Sarah J.
Campbell, John R. See Rosch, Josef; Rosch, Joseph
Campbell, P. See Oberklaid, F.
Campbell, Robert E. See Rogers, Lee F.
enroll early for the 1978 refresher course program (edit), **128:** 523, 1978
Campbell, Timothy J. See Rosch, Josef
Canalis, Rinaldo F.
—; Jenkins, Herman A.; Hemenway, William G.; Lincoln, Charles: nasopharyngeal rhabdomyosarcoma: clinical perspective (ab), **129:** 849, 1978
Candell-Riera, J.
—; Garcia del Castillo, H.; Permanyer-Miralda, G.; Soler-Soler, J.: echocardiographic features of the interventricular septum in chronic constrictive pericarditis (ab), **129:** 284, 1978
Canedo, Mario I.
—; Stefadouros, Miltiadis A.; Frank, Martin J.; Moore, H. Victor; Cundey, David W.: echocardiographic features of cor triatriatum (ab), **126:** 841, 1978
Cannon, J. J. See Sutherland, L. R.
Cannon, Paul J. See Case, David B.
Cannon, Walter B. See Walter, Joseph F.
Cantin, Jacques. See Kim, Jae Ho
Cantrell, R. W. See Maisel, R. H.
Cantwell, Kathleen G.
—; Press, Jr., Harry C.; Anderson, Javan E.: bedside radiographic examinations: indications and contraindications, **129:** 383, 1978
Canty, Earle L. See Donaldson, Sarah S.
Capesius, P.
—; Van Damme, W.; Touitou, D.; Reolon, M.: metaphyseal lesions of Menkes' syndrome—case report (ab), **128:** 568, 1978
Capitanio, Marie A. See Dodd, Gerald D.
Capp, M. P. See Tobias, C. A.; Tonkin, Ina L. D.
Caprini, Joseph A. See Fotopoulus, John P.
Carbone, Paul P. See Sooriyaarachchi, Gamini S.
Carcassonne, Yves. See Gastaut, Jean-Albert
Carey, James E. See Keyes, Jr., John W.
Carey, Michael. See LaCour, Fritz
Carlet, J. See Geschwind, H.
Carlile, Thomas. See Krook, Peter M.
Carlson, David H.
—; Carlson, Desiree; Simon, Harold: benign multilocal cystic nephroma, (AJR), **131:** 621, 1978
Carlson, Desiree. See Carlson, David H.
Carlson, Donald E.
effects of negative Pi mesons on immune responses in mice, **126:** 803, 1978
Carlson, Harley C. See James, E. Meredith
Carlson, Victor. See Thaggard, III, Alvin
Carlsson, Erik. See Holt, R. Gary; Lipton, Martin J.
Carlton, W. H. See Young, R. G.
Carmel, Peter W.
—; Antunes, J. Lobo; Hilal, Sadek K.; Gold, Arnold P.: Dandy-Walker syndrome: clinico-pathological features and reevaluation of modes of treatment (ab), **126:** 833, 1978
Carmignani, G.
—; Belgrano, E.; Puppo, P.; Giuliani, L.: cyanoacrylates in transcatheter renal embolization (ab), **129:** 855, 1978
Carnelli, V. See Masera, G.
Carpenter, C. W. See Cooperberg, Peter L.
Carpenter, Walter A. See Mabon, Robert F.
Carpiniello, Victor C. See Freiman, David B.
Carrera, G. F. See Mascatello, V. J.
Carretta, Robert F.
—; DeNardo, Sally J.; DeNardo, Gerald L.; Jansholt, Anne-Line; Rose, Angela W.: early diagnosis of venous thrombosis using ^{125}I-fibrinogen (ab), **127:** 287, 1978
Carrilo, Antonio P.
—; Marks, Daniel S.; Pickard, Sol D.; Khaja, Fareed; Goldstein, Sidney: correlation of exercise ^{201}thallium myocardial scan with coronary arteriograms and the maximal exercise test (ab), **128:** 285, 1978
Carrington, Charles B.
—; Cugell, David W.; Gaensler, Edward A.; Marks, Asher; Redding, Ralph A.; Schaaf, John T.; Tomasian, Aram: lymphangioleiomyomatosis: physiologic-pathologic-radiologic correlations (ab), **127:** 562, 1978
Carroll, Barbara
—; Sample, W. Frederick: pancreatic cystadenocarcinoma: CT body scan and gray scale ultrasound appearance, (AJR), **131:** 339, 1978
Carroll, Barbara A.
gallstones: in vitro comparison of physical, radiographic, and ultrasonic characteristics, (AJR), **131:** 223, 1978
Carroll, S. Edwin. See Lesk, David M.
Carsen, Gregory M.
—; Casarella, William J.; Spiegel, Richard M.: transcatheter embolization for treatment of Mallory-Weiss tears of the esophagogastric junction, **128:** 309, 1978
Carsky, Edward W. See Black, Gerald A.
Carson, Paul L.
—; Fischella, Paula R.; Oughton, Thomas V.: ultrasonic power and intensities produced by diagnostic ultrasound equipment (ab), **129:** 285, 1978
Carter, Anne C. See Avramides, Avraam
Carter, Anthony P. See Phillips, Harold E.
Carter, Barbara L. See Emami, Bahman; Goldberg, Ronald P.; Homer, Marc J.; Munzenrider, John E.; Pilepich, M. V.; Wolpert, Samuel M.
—; Karmody, Colin S.: computed tomography of the face and neck, (SR), **13:** 257, 1978
—; Wechsler, Richard J.: computed tomography of the retroperitoneum and abdominal wall, (SR), **13:** 201, 1978
Carter, Robert
—; Sambhi, Rajinder P.: liver-spleen imaging for trauma—revisited (ab), **127:** 574, 1978
Carter, Stephen J. See Hirsch, Jack H.
—; Denney, John D.; Tesh, Donald W.; Marty, Raymond; Davis, M. Christine: ultrasonic evaluation of radiation therapy ports (ab), **126:** 284, 1978
Carteri, A. See Salar, G.
Cartier, Pierre. See Seltzer, Steven E.
Casal, German L. See Martinez, Luis O.
Casarella, William. See Phillips, Gail N.
Casarella, William J. See Carsen, Gregory M.; Case, David B.
—; Knowles, Daniel M.; Wolff, Marianne; Johnson, Philip M.: focal nodular hyperplasia and liver cell adenoma: radiologic and pathologic differentiation, (AJR), **131:** 393, 1978
Casas-Fernandez, C. See Pascual-Castroviejo, I.
Case, David B.
—; Casarella, William J.; Laragh, John H.; Fowler, Deborah L.; Cannon, Paul J.: renal cortical blood flow and angiography in low- and normal-renin essential hypertension (ab), **128:** 569, 1978
Castaneda-Zuniga, Wilfrido R. See D'Souza, Vincent J.; Probst, Peter
—; Jauregui, Hugo; Rysavy, J. A.; Formanek, Augustin; Amplatz, Kurt: complications of wedge hepatic venography, **126:** 53, 1978
—; Sanchez, Ramon; Amplatz, Kurt: experimental observations on short and long-term effects of arterial occlusion with Ivalon, **126:** 783, 1978
—; Hammerschmidt, Dale E.; Sanchez, Ramon; Amplatz, Kurt: nonsurgical splenectomy, (AJR), **129:** 805, 1977
—; Jauregui, Hugo; Rysavy, Joseph; Amplatz, Kurt: selective transcatheter embolization of the upper gastrointestinal tract: experimental study, **127:** 81, 1978
—; Reyes, R. Garcia; Amplatz, Kurt: treatment of gastrointestinal hemorrhage with selective intra-arterial infusion of pitressin (ab), **127:** 567, 1978
Castellanos, Stamatis. See Toutouzas, Pavlos
Castellino, Ronald A. See Breiman, Richard S.; Harell, George S.
—; Bergiron, Charles; Markovits, Paul: experience with 659 consecutive lymphograms in children (ab), **126:** 835, 1978
Casterline, Peter F.
—; Jacques, Darrell A.: simultaneous recurrent multiple chemodectomas (ab), **129:** 845, 1978
Castro, El. B. See Cahan, William G.
Castro, Joseph R. See Luk, Kenneth H.
Catanzaro, Antonino. See Drutz, David J.
Catchlove, Richard F. H. See Bromage, Philip R.
Cavanagh, Richard C. See Allman, Robert M.
Cayot, M. See Viard, H.
Cetrulo, Curtis J. See Wilson, Robert L.
Chafetz, Neil
—; Slivka, Jack; Taylor, Andrew; Alazraki, N. P.; Resnick, Donald; Goergen, Thomas: decreased ^{99m}Tc sulfur colloid activity in healed rib fractures, **126:** 735, 1978
Chait, Arnold. See Rosenberg, Henrietta Kotlus
Chalmers, A. H. See Woodhouse, N. J. Y.
Chamberlin, Richard I. See Sprince, Nancy L.
Chambers, A. Alan. See Tomsick, Thomas A.
Chambers, Evan. See Friedman, Arnold C.
Chamorro, Hector
—; Rao, Gopal; Wholey, Mark H.: superior vena cava syndrome: complication of transvenous pacemaker implantation, **126:** 377, 1978
Chan, James C. M. See Hirschman, Gladys H.
Chan, Paul. See Gilbert, Harvey A.
Chan, Rafael C. See Maor, Moshe
Chandler, Harold L. See McIlmoyle, Gaellan; Rosenthal, Daniel I.
Chandler, James H.
malignant external otitis: further consideration (ab), **127:** 847, 1978
Chandler, James R.
anatomical variations of the stylohyoid complex and their clinical significance (ab), **128:** 561, 1978
Chandra, Ramesh
—; Pierno, Carmine; Braunstein, Philip: ^{111}In desferal: new radiopharmaceutical for abscess detection, **128:** 697, 1978
Chandramouly, Belur S. See Lunia, Shantilal
Chandraratna, P. A. N.
—; Littman, B. B.; Wilson, D.: association between atrial septal defect and prolapse of the tricuspid valve: echocardiographic study (ab), **129:** 284, 1978
—; San Pedro, S. B.: echocardiographic features of the normal and malfunctioning porcine xenograft valve (ab), **129:** 860, 1978
—; Langevin, E.: limitations of the echocardiogram in diagnosing valvular vegetations in patients with mitral valve prolapse (ab), **126:** 841, 1978
Chandraratna, Premindra. See Dunn, Francis G.
Chandraratna, Premindra A. N.
—; Chu, Weikom; Schechter, Eliot; Langevin, Eugene: hemodynamic correlates of echocardiographic aortic root motion: observations on normal subjects and patients with idiopathic hypertrophic subaortic stenosis (ab), **129:** 858, 1978
Chang, Alfred E. See Schaner, Everett G.
Chang, C. H. Joseph
—; Sibala, Justo L.; Fritz, Steven L.; Gallagher, Joe H.; Dwyer, III, Samuel J.; Templeton, Arch W.: computed tomographic evaluation of the breast, (AJR), **131:** 459, 1978
—; Sibala, Justo L.; Lin, Fritz; Jewell, William R.; Templeton, Arch W.: preoperative diagnosis of potentially precancerous breast lesions by computed tomography breast scanner: preliminary study, **129:** 209, 1978
Chang, Chu H. See Harisiadis, Leon; Sung, Duk Il
Chang, James
—; Katzen, Barry T.; Sullivan, Kenneth P.: transcatheter Gelfoam embolization of posttraumatic bleeding pseudoaneurysms, (AJR), **131:** 645, 1978
Chang, Luke W. M.
—; Grollman, Jr., Julius H.: angiocardiographic differentiation of constrictive pericarditis and restrictive cardiomyopathy due to amyloidosis, (AJR), **130:** 451, 1978
Chang, Stanley F.
—; Burrell, Morton I.; Belleza, Norberto A.; Spiro, Howard M.: borderlands in the diagnosis of regional enteritis: trends in overdiagnosis and value of therapeutic trial (ab), **129:** 276, 1978
pear-shaped bladder caused by large iliopsoas muscles, **128:** 349, 1978
—; Burrell, Morton I.; Brand, Myron H.; Garsten, Joel J.: protean gastrointestinal manifestations of metastatic breast carcinoma, **126:** 611, 1978
Channarond, J. See Boudou, A.
Chantar, C. See Ramos, L.
Chao, Edmund Y. S.
role of biomechanics in total joint replacement surgery (ab), **127:** 568, 1978
Chapman, A. H.
—; Raphael, M. J.; Steiner, R. E.; Oakley, Celia M.: unusual chest x-ray appearances in hypertrophic cardiomyopathy (ab), **129:** 562, 1978
Charlesworth, J. A. See Jones, B. J.
Charlton, Oliver P. See Miller, Michael D.
Charuzi, Yzhar
—; Kraus, Robert; Swan, H. J. C.: echocardiographic interpretation in the presence of Swan-Ganz intracardiac catheters (ab), **127:** 570, 1978
Chase, Donald C. See Lynch, Thomas P.
Chassevent, Jacques
—; Sauvegrain, Jacques; Besson-Leaud, Marc; Kalifa, Gabriel: myotonic dystrophy (Steinert's disease) in the neonate, **127:** 747, 1978
Chatel, A. See Cremniter, D.
Chatterjee, A. See Tobias, C. A.
Chatterjee, Kanu. See Sharpe, D. Norman
Chatterton, B. E.
progressive abnormalities in the brain scan in adrenal leukodystrophy, (AJR), **129:** 939, 1977

Chaudhuri, Tapan K.
can ^{99m}Tc-pertechnetate be used to assess the secretion of gastric acid in pernicious anemia? (ab), **127:** 287, 1978
Chaudry, Khalid R. See Ogawa, Satoshi
Chaumont, P. See Odievre, M.
Chemke, J.
—; Fishel, E.; Zalish, M.; Sagiv, M.: multiple skeletal anomalies in the "13q-" syndrome (ab), **129:** 854, 1978
Chen, James T. T. See Bertrand, Margaret
Chen, William Y. See Tsan, Min-Fu
Cheng, Samuel H. See Drasin, George F.
Cheng, Tien H. See Balikian, Jirayr P.
Chernish, Stanley M. See Miller, Roscoe E.
Cherry, James F. See Holder, John C.
Chesney, Russell W. See Moorthy, A. Vishnu
Chessare, Joseph W. See Calenoff, Leonid
Chew, Evelyn. See Di Chiro, Giovanni
—; Weiss, George H.; Brooks, Rodney A.; Di Chiro, Giovanni: effect of CT noise on detectability of test objects, (AJR), **131:** 681, 1978
Chew, Qwie T.
—; Nouri, Mohammad Seif; Woo, Byung Hyuck: small renal pelvic carcinomas: value of epinephrine magnification angiography (ab), **129:** 856, 1978
Chia, K. B. See Khor, T. H.
Chiang, Lan Chang. See Unger, June DeBoer
Chiavarini, Robert L. See Thornbury, John R.
Chigot, P. L. See Beauvais, P.
Chikos, Paul M. See Hirsch, Jack H.
Chiles, John. See Pechman, Robert
Chilton, Sarah J.
—; Campbell, John B.: pulmonary varix in early infancy: case report with 8-year follow up, **129:** 400, 1978
Chin, Lee M. See Levene, Martin B.
Chiotellis, Philip N. See Vignola, Paul A.
Chisholm, G. D. See Sherwood, T.
Chiu, Lee C. See Cornell, Steven H.; Shevland, John E.
Cho, Kyung J. See Chuang, Vincent P.; Hay, Michael R.; Kuhns, Lawrence R.; McCormick, Thomas L.
—; Walter, Joseph F.; Konnak, John W.: contralateral renal herniation after nephrectomy: cause of pseudo-crossed renal ectopia, (AJR), **129:** 1099, 1977
—; Stanley, James C.: non-neoplastic congenital and acquired renal arteriovenous malformations and fistulas, **129:** 333, 1978
—; Martel, William: recognition of splenic vein occlusion, (AJR), **131:** 439, 1978
—; Thornbury, John R.: severe reactions to contrast material by three consecutive routes: intravenous, subcutaneous, and intraarterial, (AJR), **131:** 509, 1978
Chodos, Robert B. See Lunia, Shantilal
Choi, Byung Suk. See Bahk, Yong Whee
Choi, K. See McGregor, D. H.
Choneim, M. A. See Whitmore, Jr., W. F.
Chou, Shelley N. See Ashwal, Stephen; Maxwell, Robert E.
Choudhury, A. R.
—; Taylor, J. C.: occult lumbar spinal stenosis (ab), **127:** 855, 1978
Chow, Peter. See MacEwan, Douglas W.
Christensen, Edward E. See Landay, Michael J.
—; Landay, Michael J.; Dietz, Geral W.; Brinley, Gerald: buckling of the innominate artery simulating a right apical lung mass, (AJR), **131:** 119, 1978
Christensen, Fred K. See Levy, Jonathan M.
Christie, Dennis L. See Haberkern, Charles M.
Christie, James H. See Cornell, Steven H.
Chu, Elizabeth W. See Mills, Steven R.
Chu, F. See Whitmore, Jr., W. F.
Chu, Florence C. H. See Garmatis, Constantine J.; Kim, Jae Ho
Chu, J.-Y.
—; Graviss, E. R.; Danis, R. K.; Ho, J. E.: lymphangiography and bone scan in the study of lymphangiomatosis (ab), **126:** 835, 1978
Chu, Weikom. See Chandraratna, Premindra A. N.
Chua, E. J. See Khor, T. H.
Chuang, Vincent P. See Bivins, Brack A.; Oliff, Michael
—; Fried, Andrew M.; Oliff, Michael; Ellis, Guy T.; Sachatello, Charles R.: abdominal CSF pseudocyst secondary to ventriculoperitoneal shunt: diagnosis by computed tomography in two cases (ab), **127:** 854, 1978
—; Pulmano, Calixto M.; Walter, Joseph F.; Cho, Kyung J.: angiography of pancreatic arteriovenous malformation, (AJR), **129:** 1015, 1977
Chung, Chung T. See Colton, Raymond H.; Gould, Leo V.
—; Sagerman, Robert H.; King, Gerald A.; Yu, Woon Sang; Johnson, Jonas T.; Cummings, Charles W.: complications of high dose preoperative irradiation for advanced laryngeal-hypopharyngeal cancer, **128:** 467, 1978
Chung, Kyung J. See Hesselink, John R.
Church, Charles C.
radiographic diagnosis of acute peroneal tendon dislocation, (AJR), **129:** 1065, 1977
Churchill-Davidson, I. F. J. See Wiernik, G.
Churg, Andrew. See Bitran, Jacob D.
Cigtay, Olcay S. See Grant, Edward G.
Cimmino, Christian V.
—; Southworth, Lawrence E.: further refinements in the plain radiologic diagnosis of splenic rupture: air enema, **127:** 649, 1978
Cimochowski, George E. See MacMahon, Heber
Cipel, L.
—; Fonkalsrud, E. W.; Gyepes, M. T.: ileo-ileal intussusception in the newborn: report of a radiologically diagnosed case (ab), **126:** 835, 1978
Cipel, Louis. See Byrne, William J.; Fischer, Thomas J.
Cisternino, Stephan J.
—; Rogers, Lee F.; Stufflebam, Bradley C.; Kruglik, Gerald D.: trough line: radiographic sign of posterior shoulder dislocation, (AJR), **130:** 951, 1978
Citrin, Charles M.
—; Davis, David O.: computerized tomography in the evaluation of pituitary adenomas (ab), **126:** 548, 1978
Citrin, Dennis L. See Fogelman, Ignac
Clairmont, Albert A.
—; Conley, John J.: primary carcinoma of the mastoid bone (ab), **127:** 847, 1978
Clark, Chester E. See Maron, Barry J.
Clark, J. C. See Lenzi, G. L.
Clark, Jack L.
—; DeSanto, Lawrence W.; Facer, George W.: congenital deafness and spontaneous CSF otrorrhea (ab), **129:** 850, 1978
Clark, Richard L. See Cuttino, Jr., John T.
Clark, Robert E. See Marks, William M.
Claunch, Ben C. See Royal, Henry D.
Cleeve, Damien M. See Older, Robert A.
Clemens, M. See Safrany, L.
Clement, J. P. See Corbeau, A.; Huguet, J. F.
—; Burelle, H.; Corbeau, A.; Colleter, J. F.: double-contrast radiography of the small intestine (ab), **126:** 553, 1978
Clement, Jacob J.
—; Song, Chang W.; Sand, Theodore T.: tumor cell respiration following irradiation, **126:** 507, 1978
—; Tanaka, Norimoto; Song, Chang W.: tumor reoxygenation and postirradiation vascular changes, **127:** 799, 1978
Clements, Jr., James L. See Meyers, Morton A.
Clemett, Arthur R. See Ferrara, Thomas P.
Clemmesen, Johannes
survival rates for pre- and postmenopausal Danish women with mammary carcinoma (ab), **127:** 861, 1978
Clerissi, J. See Huguet, J. F.
Cleveland, Robert H.
—; Gilsanz, Vicente; Wilkinson, Robert H.: congenital pseudarthrosis of the radius, (AJR), **130:** 955, 1978
—; Fellows, Kenneth E.; Lebowitz, Robert L.: notching of the ureter and renal pelvis in children, (AJR), **129:** 837, 1977
Clopton, C. See Wilkinson, E.
Clough, John D. See Orlowski, James P.
Clouse, Melvin E.
—; Ahmed, Rashid; Ryan, Rodney B.; Oberfield, Richard A.; McCaffrey, Joyce A.: complications of long term transbrachial hepatic arterial infusion chemotherapy, (AJR), **129:** 799, 1977
Clouser, Michael. See Libshitz, Herman I.
Co, Ben T.
—; Goodwin, Donald W.; Gado, Mokhtar; Mikhael, Michael; Hill, Shirley Y.: absence of cerebral atrophy in chronic cannabis users: evaluation by computerized transaxial tomography (ab), **126:** 548, 1978
Coates, Allan L.
—; Bergsteinsson, Hordur; Desmond, Katharine; Outerbridge, Eugene W.; Beaudry, Pierre H.: long-term pulmonary sequelae of the Wilson-Mikity syndrome (ab), **129:** 279, 1978
Coates, Robert M. See Holgate, Richard C.
Cobb, III, Cully A. See French, Barry N.
Coccia, Peter F. See Ramsay, Norma K. C.
Cochran, S. T.
—; Gyepes, M. T.; Smith, L. E.: obstruction of the airways by the heart and pulmonary vessels in infants (ab), **127:** 850, 1978
Cochrane, A. M. G.
—; Murray-Lyon, I. M.; Brinkley, D. M.; Williams, Roger: quadruple chemotherapy versus radiotherapy in treatment of primary hepatocellular carcinoma (ab), **126:** 558, 1978
Cochrane, J. Alan. See Harrison, R. Brent
Cockrill, Jr., H. Howard
—; Dreisbach, Jim; Lowe, Betty; Yamauchi, Terry: computed tomography in leptomeningeal infections, (AJR), **130:** 511, 1978
Coel, Marc N. See Levy, Steven B.; Talner, Lee B.
Coffey, G. L. See O'Sullivan, D. J.
Cofield, Robert H.
status of total shoulder arthroplasty (ab), **127:** 568, 1978
Cogan, Brad M. See Meredith, Hubert C.
Coggins, Cecil H. See Athanasoulis, Christos A.
Cohen, Gerald
—; Barnes, James O.; Pena, Pedro M.: effects of the film/screen combination on tomographic image quality, **129:** 515, 1978
Cohen, Howard C. See D'Cruz, Ivan A.
Cohen, Jeffrey. See Rosen, Yale
Cohen, Jeffrey R. See Amorosa, Judith Korek
—; Amorosa, Judith Korek; Smith, Peter R.: air-fluid level in cavitary pulmonary tuberculosis, **127:** 315, 1978
Cohen, Lionel. See Rogers, Charles C.
dose-time relationship: computation of cell lethality following fractionated radiation therapy (ab), **129:** 286, 1978
Cohen, Jr., M. Michael
genetic perspectives on craniosynostosis and syndromes with craniosynostosis (ab), **129:** 274, 1978
Cohen, Michael V. See Goldberg, Sheldon
Cohen, Sidney. See Miller, Wallace T.
Cohen, Stephen P. See Goldman, Stanford M.
Cohen, Steven H.
—; Fink, Jordon N.; Garancis, John C.; Hensley, George T.; Barboriak, Joseph J.; Schlueter, Donald P.: sarcoidosis in hypersensitivity pneumonitis (ab), **127:** 277, 1978
Cohen, William N. See Rosenblum, Lawrence J.; Seidelmann, Frank E.
Colacurcio, Cheryl. See Hirsch, Jack H.
Colandrea, Michael A. See Turner, David A.
Colapinto, V.
—; McCallum, R. W.: injury to the male posterior urethra in fractured pelvis: new classification (ab), **126:** 838, 1978
Cole, Frederick M.
innominate grooves of the colon: morphological characteristics and etiologic mechanisms, **128:** 41, 1978
Cole, James M.
glomus jugulare tumors (ab), **128:** 562, 1978
Cole, Solon R.
—; Myers, Thomas J.; Klatsky, Alan U.: pulmonary disease with chlorambucil therapy (ab), **128:** 565, 1978
Cole, T. P. See Salter, R. H.
Coleman, R. Edward. See Gelman, Martin I.; Michal, III, John A.; Prescott, Stephen M.
Colleter, J. F. See Clement, J. P.
Colley, David P.
—; Dunsker, Stewart B.: traumatic narrowing of the dorsolumbar spinal canal demonstrated by computed tomography, **129:** 95, 1978
Collins, James D.
—; Pagani, John J.: extrathoracic musculature mimicking pleural lesions, **129:** 21, 1978
Collins, Stephen M.
—; Hamilton, John D.; Lewis, Terence D.; Laufer, Igor: small-bowel malabsorption and gastrointestinal malignancy, **126:** 603, 1978
Collins, Vincent P.
medical malpractice law, 2nd ed (bk rev), **129:** 248, 1978
Colodny, Arnold H. See Griscom, N. Thorne
Colton, Raymond H.
—; Sagerman, Robert H.; Chung, Chung T.; Yu, Young W.; Reed, George F.: voice change after radiotherapy: some preliminary results, **127:** 821, 1978
Come, Patricia C. See Dashkoff, Neil
—; Bulkley, Bernadine H.; McKusick, Victor A.; Fortuin, Nicholas J.: echocardiographic recognition of silent aortic root dilatation in Marfan's syndrome (ab), **127:** 571, 1978
Compaan, Pearl J. See Stupar, Terry A.
Compagno, John
hemangiopericytoma-like tumors of the nasal cavity: comparison with hemangiopericytoma of soft tissue (ab), **129:** 849, 1978
Condon, Virgil R. See Oh, Kook Sang; Stewart, David R.

Conkle, David M. See Schaner, Everett G.
Conley, John J. See Clairmont, Albert A.
Conlogue, Gerald J. See Ogden, John A.
Connor, William G. See Boone, Max L.
Connors, John. See Ahmad, Salahuddin
Conoley, Patrick M.
—; Bernardino, Michael E.; Green, Barry: renal peripelvic extravasation: complication of arteriography, **128:** 624, 1978
Conrad, Anne R.
—; Rao, Sheshagiri A. S.: ultrasound diagnosis of fetal hydrocele, **127:** 232, 1978
Conrad, Melvyn. See Thal, Erwin R.
Conrad, Melvyn R. See Sanders, Roger C.
—; Landay, Michael J.; Khoury, Michel: pancreatic pseudocysts: unusual ultrasound features, (AJR), **130:** 265, 1978
—; Landay, Michael J.; Janes, Jefferson O.: sonographic "parallel channel" sign of biliary tree enlargement in mild to moderate obstructive jaundice, (AJR), **130:** 279, 1978
Conrad, III, William C.
—; Tetalman, Marc R.; Lloyd, Thomas V.; King, Gerald; Scheu, John D.; Burton, Mark; Schaeffer, Phillip: ventricular uptake during brain scanning: case report of ventricular lymphomatosis, **128:** 428, 1978
Conroy, Robert M. See Juler, George L.
—; Lyons, Kenneth P.; Kuperus, John H.; Juler, George L.; Joy, Ikonija; Pribram, H. F. W.: new technique for localization of therapeutic emboli using radionuclide labeling, (AJR), **130:** 523, 1978
Constable, W. C. See Jackson, R. T.
Conte, Felix A. See Wara, William M.
Conway, James J. See Gooneratne, Nihal
Cook, III, John H.
—; Rosenfield, Arthur T.; Taylor, Kenneth J. W.: ultrasonic demonstration of intrarenal anatomy, (AJR), **129:** 831, 1977
Cooke, William T. See Bowie, James D.
Cooper, David. See Brooks, John G.
Cooper, Jay Scott
postoperative irradiation of pterygia: ten more years of experience, **128:** 753, 1978
Cooper, Paul R. See Maravilla, Kenneth R.
Cooper, R. E. M.
gradient method of optimizing external-beam radiotherapy treatment plans, **128:** 235, 1978
Cooperberg, P.
—; Ayre-Smith, G.; Garrow, D. G.: gray-scale ultrasound of biliary tract disease: correlative study with percutaneous transhepatic cholangiography (ab), **128:** 283, 1978
Cooperberg, Peter L.
—; Tsang, Iian; Truelove, Leslie; Knickerbocker, W. James: gray scale ultrasound in the evaluation of rheumatoid arthritis of the knee, **126:** 759, 1978
high-resolution real-time ultrasound in the evaluation of the normal and obstructed biliary tract, **129:** 477, 1978
—; Carpenter, C. W.: real-time ultrasound as an aid in intrauterine transfusion, **127:** 535, 1978
Cooperman, Avram M. See Havrilla, Thomas R.
Cooperman, Marc. See Evans, William E.
Coopmans de Yoldi, Gianfranco. See Nessi, Renato
Copeland, Dana D.
—; Lamb, William A.; Klintworth, Gordon K.: calcification of basal ganglia and cerebellar roof nuclei in mentally defective patient with hidrotic ectodermal dysplasia: analysis of intracranial concretions by electron microprobe (ab), **129:** 275, 1978
Corbeau, A. See Clement, J. P.
—; Sahel, J.; Fraissinet, R.; Courjaret, P.; Burelle, H.; Clement, J. P.: pancreatic duct hemorrhage: diagnosis by angiography (ab), **129:** 564, 1978
Corbett, James J. See Savine, Peter J.
Corcoran, Robert J. See Thrall, James H.
Cordero-Chaverri, Carlos. See Loria-Cortes, Rodrigo
Cordes, U. See Georgi, M.
Cordoba, Alfonso
—; Figueras, Nicholas; Garcia, Rosalba: scintiscanning of venous thrombosis of the lower extremities (ab), **128:** 575, 1978
Corkill, Guy. See French, Barry N.
Corlette, Jr., Marvin B.
—; Schatzki, Stefan; Ackroyd, Frederick: operative cholangiography and overlooked stones (ab), **129:** 276, 1978
Cornell, S. See Mueller, S. M.
Cornell, Steven H.
—; Chiu, Lee C.; Christie, James H.: diagnosis of extracerebral fluid collections by computed tomography, (AJR), **131:** 107, 1978
Corner, Beryl D. See Stevens, David
Corrales, M.
—; Tapia, J.: encephalography with metrizamide (ab), **127:** 845, 1978
Correa-Paz, Francisco. See Haughton, Victor M.
Corrigan, A. B. See Dalziell, H.
Corry, Donald B. See Dixit, Jagannath K.
Corson, John D.
—; Menzoian, James O.; LoGerfo, Frank W.: reversal of vertebral artery blood flow demonstrated by Doppler ultrasound (ab), **126:** 842, 1978
Cortina, H. See Vidal, J.
Corya, Betty C. See Rasmussen, Susan
Cosgrove, D. See Allen, E. H.
Cossrow, Joel. See Brennan, Richard
Costello, Philip. See Balikian, Jirayr P.; Hill, Thomas C.
—; Gramm, Herbert F.; Lokich, Jacob: detection of hypertrophic pulmonary osteoarthropathy associated with pulmonary metastatic disease (ab), **128:** 861, 1978
Costin, Barbara S.
—; Singleton, Edward B.: bowel stenosis as a late complication of acute necrotizing enterocolitis, **128:** 435, 1978
Costopoulos, Lambros. See Laufer, Igor
Cotler, Jerome M. See Edeiken, Jack
Cotman, H. E.
—; Bloomfield, C. D.; Amplatz, Kurt; Sosin, H.; Kuisk, H.; Levitt, S. H.: lymphography as a guide during laparotomy in Hodgkin's and non-Hodgkin's lymphomas (ab), **129:** 576, 1978
Coubier, R.
—; Jausseran, J. M.; Reggi, M.: detecting complications of direct arterial surgery: role of intraoperative arteriography (ab), **127:** 563, 1978
Couette, J. E. See Larra, F.
Courjaret, P. See Corbeau, A.
Cove, Harvey C. See Bassett, Lawrence W.
Cowan, Robert. See Thomas, John L.
Cowart, Ronald W. See Haus, Arthur G.
Cowley, Claire Ellen. See Selke, Jr., Albert C.
Cox, James D. See Byhardt, Roger W.; Stoffel, Thomas J.
central lymphatic irradiation to low dose for advanced nodular lymphoreticular tumors (non-Hodgkin's lymphoma), **126:** 767, 1978
—; Byhardt, Roger W.; Wilson, J. Frank; Komaki, Ritsuko; Eisert, Donald R.; Greenberg, Maurice: dose-time relationships and the local control of small cell carcinoma of the lung, **128:** 205, 1978
Cox, P. H. See Tjen, H. S. L. M.
Cradduck, Trevor D.
—; MacIntyre, William J.: camera–computer systems for rapid dynamic imaging studies, (SNM), **7:** 323, 1977
Crade, Michael. See Rosenfield, Arthur T.
—; Taylor, Kenneth J. W.; Rosenfield, Arthur T.; de Graaff, Casper S.; Minihan, Patrick: surgical and pathologic correlation of cholecystosonography and cholecystography, (AJR), **131:** 227, 1978
Craige, Ernest. See Mills, Peter G.
Crane, D. B. See Hietala, S.-O.
Crane, David B.
—; Smith, M. J. V.: pelvic lipomatosis: 5-year followup (ab), **126:** 838, 1978
Crane, Michael D. See Lin, Shu-Ren
Cranley, William R.
—; O'Connor, John F.; Feins, Neil R.: voiding cystourethrography in infants and children: new technique (ab), **129:** 855, 1978
Crausaz, P. H.
—; Savary, M.: tracheo-bronchial mobility disorders observed during bronchoscopy (ab), **126:** 276, 1978
Crawford, Michael H. See Henning, Harmut; Kling, Lawrence E.; MacDonald, Jr., William J.; Righetti, Alberto
Cremin, B. J. See Heselson, N. G.
—; Funston, M. R.; Aaronson, I. A.: "intraureteric diverticulum", a manifestation of ureterocoele intussusception (ab), **127:** 856, 1978
Cremniter, D.
—; Chatel, A.; Bigot, J. M.; Lacombe, P.; Helenon, Ch.: angiographic abnormalities following needle biopsy of the liver (ab), **128:** 276, 1978
Crissman, J. D.
—; Henson, S. L.: malignant fibrous histiocytoma of the maxillary sinus (ab), **129:** 847, 1978
Crocker, Ernest Frank
—; Bautovich, George Joseph; Jellins, Jack: gray-scale echographic visualization of a parathyroid adenoma, **126:** 233, 1978
Cromwell, L. D. See Kerber, C. W.
Cromwell, Laurence D. See Bolender, Nicole; Keating, James W.
—; Kerber, Charles: spinal cord compression by extramedullary hematopoiesis in agnogenic myeloid metaplasia, **128:** 118, 1978
Crooks, David J. Mackenzie. See Goldstein, Steven J.
Crooks, Henry E. See Ardran, Gordon M.
Cross, Robert. See Balsys, Raymond
Cross, Valmore F. See Pantoja, Enrique
Crowe, James
—; Sumner, Thomas; Ott, David: improved visualization of the lumbar spine and sacrum in pediatric patients by use of the pneumatic compression paddle, **128:** 812, 1978
Crowe, James E. See Moody, Dixon, M.
—; Sumner, Thomas E.: combined esophageal and duodenal atresia without tracheoesophageal fistula: characteristic radiographic changes, (AJR), **130:** 167, 1978
Crowe, John K. See Julsrud, Paul R.
—; Brown, Larry R.; Muhm, John R.: computed tomography of the mediastinum, **128:** 75, 1978
Cruikshank, J. G. See Fraser, G. M.
Crummy, Andrew B. See Alter, Albert J.; Hesselink, John R.
—; Rankin, Ronald S.; Turnipseed, William D.; Berkoff, Herbert A.: biplane arteriography in ischemia of the lower extremity, **126:** 111, 1978
Cruty, M. R. See Tobias, C. A.
Cubilla, Antonio L. See Fitzgerald, Patrick J.
Cuendet, A. See Braun, P.
Cugell, David W. See Carrington, Charles B.
Cugnenc, P. H. See Nouel, O.
Culham, J. A. Gordon. See Bini, Roberta M.; Freedom, Robert M.
Culp, D. A. See Storm, P. B.
Culver, Gordon J. See Shenoy, Sadashiv S.
Cummings, Charles W. See Chung, Chung T.; Gould, Leo V.
Cundey, David W. See Canedo, Mario I.
Cunha-Vaz, Jose G.
—; Fonseca, Joaquin R.; Abreu, Jose R. F.; Lima, Joao P.: studies of retinal blood flow: II. diabetic retinopathy (ab), **129:** 848, 1978
Cunningham, James B. See Raskin, Michael M.
Cunningham, Jerome J. See Whitley, Nancy O.
contrast medium reactions correlated with time of day, (AJR), **129:** 1039, 1977
gray scale echocardiography of the lung and pleural space: current applications of oncologic interest (ab), **128:** 859, 1978
Cunningham, John R. See Sontag, Marc R.
Cunningham, Mary E. See Roberts, Fred F.
Cupp, Gerald V. See Parker, Brent M.
Currarino, G.
acute epitrochlear lymphadenitis (ab), **127:** 852, 1978
Currarino, Guido. See Kirks, Donald R.
—; Votteler, Theodore P.; Kirks, Donald R.: anal agenesis with rectobulbar fistula, **126:** 457, 1978
Currie, C. Michael. See Ter-Pogossian, Michel M.
Curry, Charles L. See Andy, Joseph J.
Curtin, Charles T.
—; McHeffy, Barbara; Kolarsick, Albert J.: thyroid and breast cancer following childhood radiation (ab), **127:** 576, 1978
Curtis, John A.
—; Sadhu, Vijay; Steiner, Robert M.: malposition of the colon in right renal agenesis, ectopia, and anterior nephrectomy, (AJR), **129:** 845, 1977
Cushing, Barbara. See Slovis, Thomas L.
Cusick, Joseph F. See Haughton, Victor M.
Cutler, Edward A. See Sotos, Juan F.
Cuttino, Jr., John T.
—; Clark, Richard L.; Fried, Floyd A.; Stevens, Peter S.: microradiographic demonstration of pyelolymphatic backflow in the porcine kidney, (AJR), **131:** 501, 1978

D

Daems, W. Th. See Thesingh, C. W.
Daffner, Richard H. See Miller, Michael D.
—; Postlethwait, R. W.; Putman, Charles E.: retrotracheal abnormalities in esophageal carcinoma: prognostic implications, (AJR), **130:** 719, 1978
stress fractures: current concepts (ab), **129:** 280, 1978
Daggett, Willard M. See Miller, Stephen W.
Dahlin, David C. See Hodgkinson, Darryl J.; Sim, Franklin H.
Dahmash, N. S. See Kabakian, H. A.
Daikeler, G. See Mathias, K.

Daily, Pat O. See Righetti, Alberto
Daines, Jonathan H. See Osborn, Anne G.
Dalby, J. E. See Das, S.
Dalia, Depak P. See Turner, David A.
Dalinka, Murray K. See Forsted, David L.; Giesecke, Susan B.
Dalla Palma, L.
—; Bacarini, L.; Bazzocchi, M.; Di Pietrantonio, M.: use of abdominal contrast tomography in liver disease (ab), **127:** 565, 1978
Dallemand, Serge
—; Farman, Jack; Stein, David; Waxman, Marian; Mitchell, Winston: colonic necrosis complicating pancreatitis (ab), **126:** 551, 1978
Dalrymple, Glenn V. See Baker, Max L.; Holder, John C.
Daly, J. See Mitchell, M. E.
Daly, James L. See Fletcher, James W.
Daly, Michael J.
—; Milutinovic, Jovan; Rudd, Thomas G.; Phillips, Leon A.; Fialkow, Philip J.: normal ^{99m}Tc-DMSA renal image, **128:** 701, 1978
Dalziell, H.
—; Spencer, D.; Corrigan, A. B.; Webb, J.: amyloid arthropathy (ab), **127:** 280, 1978
Damani, Prabodh M. See Pinto, Edward R.
Damani, Prabodhkumar M. See Rubler, Shirley
Damgaard-Jensen, L. See Nehen, A.-M.
Dandy, Jr., Walter E.
incomplete pulmonary interlobar fissure sign, **128:** 21, 1978
Daneman, A.
—; Woodward, S.; de Silva, M.: radiology of neonatal necrotizing enterocolitis (NEC): review of 47 cases and the literature (ab), **129:** 854, 1978
D'Angio, G. J. See Breslow, N. E.; Ramsay, Norma K. C.
Daniels, David. See Sty, John R.
Daniels, John R. See Bristow, Michael R.
Danilowicz, Delores A. See Singh, Amarjit
Danis, R. K. See Chu, J.-Y.
Danis, Richard K. See Sundaram, Murali
Danks, D. M. See Oberklaid, F.
Danley, Robert. See Azar-Kia, Behrooz
Danzig, Larry A. See Armbuster, Thomas G.; Goergen, Thomas G.; Guerra, Jr., Jose; Resnick, Donald
Danziger, A. See Van Dellen, J. R.
Danziger, Alan. See Price, Hilton I.
Danziger, Julius. See Bernardino, Michael E.
D'Arcy, K.
—; Ansell, B. M.; Bywaters, E. G. L.: family with primary protrusio acetabuli (ab), **128:** 568, 1978
Darling, Donald B. See McCauley, Roy G. K.
—; McCauley, Roy G. K.; Leonidas, John C.; Schwartz, Alan M.: gastroesophageal reflux in infants and children: correlation of radiological severity and pulmonary pathology, **127:** 735, 1978
Darnes, Gary T.
—; Brezovich, Ivan A.: intensity of scattered radiation in mammography, **126:** 243, 1978
Daroff, Robert B. See Gilner, Leon I.
Darveniza, P. See O'Sullivan, D. J.
Darwish, Husem. See Archer, Carol R.
Das, Gopal
—; Lee, C. C.; Weissler, A. M.: echocardiographic manifestations of ruptured aortic valvular leaflets in the absence of valvular vegetations (ab), **126:** 840, 1978
Das, S.
—; Dalby, J. E.: distant metastases from medulloblastoma (ab), **127:** 861, 1978
Dashkoff, Neil
—; Karacuschansky, Miguel; Come, Patricia C.; Fortuin, Nicholas J.: echocardiographic features of mitral annulus calcification (ab), **127:** 572, 1978
DaSilva, Olavo. See Stadalnik, Robert C.
Datta, Nand S.
—; Tanaka, Toshiyuki; Zinner, Norman R.; Mishkin, Fred S.: division of spermatic vessels in orchiopexy: radionuclide evidence of preservation of testicular circulation (ab), **126:** 559, 1978
Datu, Jesus A. See Klingensmith, III, William C.
Dauth, George W. See Hilal, Sadek K.
Davey, Bruce W. See Gelman, Martin I.
Davey, Graham. See Eubig, Casimir
Davia, James E. See Quash, Joseph A.
Davidson, Alan J.
—; Talner, Lee B.: late sequelae of adult-onset acute bacterial nephritis, **127:** 367, 1978
Davidson, J. See Wiernik, G.
Davidson, Kenneth H.
—; Parisi, Alfred F.; Harrington, James J.; Barsamian, Ernest M.; Fishbein, Michael C.: pseudoaneurysm of the left ventricle: unusual echocardiographic presentation. review of the literature (ab), **126:** 282, 1978
Davies, Hywel. See Bean, William J.
Davies, R. Li. See Roberts, G. M.
Davies, Richard. See Stadalnik, Robert C.
Davis, David O. See Citrin, Charles M.; Knaus, William A.
Davis, George D.
—; Houser, O. Wayne; MacCarty, Robert Lee; Miller, Walter E.; Stanson, Anthony W.; Tarhan, Sait: complications in diagnostic radiology (bk rev), **127:** 60, 1978
—; Fulton, Richard E.; Ritter, Donald G.; Mair, Douglas D.; McGoon, Dwight C.: congenital pulmonary atresia with ventricular septal defect: angiographic and surgical correlates, **128:** 133, 1978
Davis, James M.
—; Mark, Gene J.; Greene, Reginald: benign blood vascular tumors of the mediastinum: report of four cases and review of the literature, **126:** 581, 1978
—; Davis, Kenneth R.; Kleinman, George M.; Kirchner, Howard S.; Taveras, Juan M.: computed tomography of herpes simplex encephalitis, with clinicopathological correlation, **129:** 409, 1978
Davis, K. R. See Brismar, J.; Mohr, J. P.
Davis, Kenneth R. See Davis, James M.; Kuehnie, John; Tadmor, Rina
Davis, M. Christine. See Carter, Stephen J.
Davis, Michael. See McIlmoyle, Gaellan
Davis, Michael A. See Hill, Thomas C.; Jeffcoat, Marjorie K.
Davis, Tim J.
—; Berk, Robert N.: immunoglobulin deficiency diseases of the intestines (ab), **126:** 552, 1978
Davison, Gregory. See Buttery, Beresford
Dayton, Jr., Glenn O. See Hanafee, William N.
D'Cruz, Ivan A.
—; Cohen, Howard C.; Prabhu, Ravindra; Bisla, Virendra; Glick, Gerald: clinical manifestations of mitral annulus calcification, with emphasis on its echocardiographic features (ab), **127:** 572, 1978
—; Jain, Dharam P.; Hirsch, Leroy; Levinsky, Richard; Cohen, Howard C.; Glick, Gerald: echocardiographic diagnosis of dilatation of the ascending aorta using right parasternal scanning, **129:** 465, 1978
—; Levinsky, Richard; Anagnostopoulos, Constantine; Cohen, Howard C.: echocardiographic diagnosis of partial pericardial constriction of the left ventricle, **127:** 755, 1978
—; Prabhu, Ravindra; Cohen, Howard C.; Glick, Gerald: echocardiographic features of second degree atrioventricular block (ab), **126:** 840, 1978
Dean, P. B.
fetal uptake of an intravascular radiologic contrast medium (ab), **127:** 855, 1978
Dean, Richard J.
—; Lytton, Bernard: urologic complications of pelvic irradiation (ab), **128:** 288, 1978
Deatrich, Denise. See Ko, Patrick
DeBenedictis, Thomas J. See Pollack, Howard M.
—; Marmar, Joel L.; Praiss, Donald E.: intraurethral condylomas acuminata: management and review of the literature (ab), **127:** 283, 1978
DeBeukelaer, Martin M.
—; Randall, Carrie L.; Stroud, Donna R.: renal anomalies in the fetal alcohol syndrome (ab), **128:** 569, 1978
de Bruijn, W. C. See Meradji, M.
deCarvalho, Jose G. R. See Dunn, Francis G.
deCastro, Carlos M. See Quash, Joseph A.
Dedo, Herbert H. See Fu, Karen K.
Dee, Paul
—; Suratt, Paul; Winn, Washington: radiographic findings in acute silicosis, **126:** 359, 1978
Dee, Paul M. See O'Reilly, Gerald V.
Deeb, Z. L.
—; Martin, T. A.; Kerber, C. W.: traction device for use with Polytome table, (AJR), **131:** 732, 1978
Deeb, Ziad L. See Dubois, Philip J.
DeFord, James W. See Bleshman, Michael H.
De Giuli, E.
—; De Giuli, G.: lymph node calcification in Hodgkin's disease following irradiation (ab), **129:** 576, 1978
De Giuli, G. See De Giuli, E.
DeGraaf, Casper S. See Rosenfield, Arthur T.
de Graaff, Casper S. See Crade, Michael; Taylor, Kenneth J. W.
—; Taylor, Kenneth J. W.; Simonds, Bruce D.; Rosenfield, Arthur J.: gray-scale echography of the pancreas: re-evaluation of normal size, **129:** 157, 1978
—; Dembner, Alan G.; Taylor, Kenneth J. W.: ultrasound of false normal oral cholecystogram (ab), **129:** 860, 1978
Dehner, Louis P. See Ramsay, Norma K. C.
Deimer, E.
—; Keminger, K.; Krenn, J.; Pateisky, C.: radiological evaluation of the abnormal thymus and its frequency in myasthenia gravis (ab), **129:** 278, 1978
—; Funovics, J.; Muller, M.: transhepatic occlusion of bleeding esophageal varices in cirrhosis of the liver (ab), **128:** 566, 1978
De Klerk, Daniel P.
—; Marshall, Fay F.; Jeffs, Robert D.: multicystic dysplastic kidney (ab), **126:** 281, 1978
de Koning, J. See van Weel-Sipman, M.
de Lacey, G. J.
—; Wignall, B. K.; Hussain, S.; Reidy, J. R.: radiology of nasal injuries: problems of interpretation and clinical relevance (ab), **127:** 559, 1978
Delaney, J. F. See Terrence, C. F.
Delaney, John P. See Probst, Peter
Delany, David J. See Mills, Peter G.
de LaTorre, Francisco J.
—; Tomasa, Antonio; Klamburg, Jorge; Leon, Cristobal; Soler, Manuel; Rius, Jorge: incidence of pneumothorax and pneumomediastinum in patients with aspiration pneumonia requiring ventilatory support (ab), **126:** 275, 1978
Delclos, Luis. See Landgren, Robert D.
Delgado, Gregorio
—; Caglar, Haluk; Walker, Paul: survival and complications in cervical cancer treated by pelvic and extended field radiation after paraaortic lymphadenectomy, (AJR), **130:** 141, 1978
Delman, Abner J. See Spindola-Franco, Hugo
Delouche, G. See Larra, F.
del Regato, J. A.
Friedrich Dessauer (ab), **128:** 859, 1978
Gosta Forssell (ab), **126:** 556, 1978
Guido Holzknecht (ab), **128:** 281, 1978
DeLuca, Hector F. See Hirschman, Gladys H.
DeMaria, Anthony N.
—; Neumann, Alexander; Lee, Garrett; Fowler, William; Mason, Dean T.: alterations in ventricular mass and performance induced by exercise training in man evaluated by echocardiography (ab), **127:** 858, 1978
DeMartini, William J. See Korobkin, Melvyn
Dembner, Alan G. See DeGraaff, Casper S.; Taylor, Kenneth J. W.
DeMeester, Tom R. See Bitran, Jacob D.
De Mello, Daphne. See Sundaram, Murali
de Menibus, Cl. See Denavit, M.-F.
Dempsy, Peter J. See Phillips, Joseph F.
Demsey, Lawrence C. See Wilson, Charles B.
DeNardo, Gerald L. See Carretta, Robert F.; Glass, Edwin C.
DeNardo, Sally J. See Carretta, Robert F.
Denavit, M.-F.
—; Lecointre, Cl.; Mallet, E.; de Menibus, Cl.; Rossier, A.: complication of amniofetography: hypothyroidism (ab), **126:** 281, 1978
Denney, John D. See Carter, Stephen J.
Denson, Susan E. See Paxson, Jr., Charles L.
De Oliveira, Jose C.
new type of fracture-dislocation of the thoracolumbar spine (ab), **129:** 566, 1978
Dequeker, J.
—; Goddeeris, T.; Walravens, M.; De Roo, M.: evaluation of sacro-iliitis: comparison of radiological and radionuclide techniques, **128:** 687, 1978
Deren, M. M. See Glanz, Sidney
De Roo, M. See Dequeker, J.
deSa, Derek. See Laufer, Igor
Desai, Patricia. See McCall, Iain W.
DeSanto, Lawrence W. See Clark, Jack L.
De Santos, Luis Alonso. See Jonsson, Kjell
—; Goldstein, Harvey M.; Murray, John A.; Wallace, Sidney: computed tomography in the evaluation of musculoskeletal neoplasms, **128:** 89, 1978
—; Murray, John A.: evaluation of giant cell tumor by computerized tomography (ab), **129:** 279, 1978
—; Rosengren, Jan-Erik; Wooten, Wayne B.; Murray, John A.: osteogenic sarcoma after the age of 50: radiographic evaluation, (AJR), **131:** 481, 1978
—; Lukeman, John M.; Wallace, Sidney; Murray, John A.; Ayala, Alberto G.: percutaneous needle biopsy of bone in the cancer patient, (AJR), **130:** 641, 1978
—; Ayala, Alberto G.: periosteal osteosarcoma: reply (L), **129:** 835, 1978
—; Murray, John A.; Parrish, Frank F.; Wallace, Sidney; Finkelstein, J. Barnett; Spjut, Harlan J.; Ayala, Alberto G.; Terry, Arthur F.: radiographic aspects of massive bone osteoarticular allograft transplantation, **128:** 635, 1978

—; Murray, John A.; Finklestein, J. Barnett; Spjut, Harlan J.; Ayala, Alberto G.: radiographic spectrum of periosteal osteosarcoma, **127:** 123, 1978
—; Goldstein, Harvey M.: ultrasonography in tumors arising from the spine and bony pelvis, (AJR), **129:** 1061, 1977
—; Murray, John A.: value of arteriography in the management of aneurysmal bone cyst (ab), **129:** 280, 1978
De Schryver, A. See Westerberg, Helena
DeSchryver-Kecskemeti, Katherine. See Murphy, William A.
DeS Hamsher, K. See Mueller, S. M.
Deshmukh, Hanumant. See Turner, David A.
de Silva, M. See Daneman, A.
DeSilva, Regis A. See Weinrauch, Larry A.
DeSmet, A. A.
—; Kuhns, L. R.; Kaufman, R. A.; Holt, J. F.: bony sclerosis and the battered child (ab), **126:** 836, 1978
Desmond, Katharine. See Coates, Allan L.
Des Prez, Roger M. See Goodwin, Jr., Robert A.
Deutsch, Melvin. See Bukovitz, Andrew G.
Deutsch, Victor. See Blieden, Leonard C.
Devic, J. See Minh, V. Tran
de Villeneuve, V. H. See Meradji, M.
Dewanjee, Mrinal K. See Gustafson, David E.
Dewbury, K. C. See Woodhouse, N. J. Y.
—; Meire, H. B.: fetal mitral valve movement recording by pulsed ultrasound (ab), **129:** 572, 1978
DeWeese, James A. See Hess, Paul G.
DeWerd, Larry A. See Wochos, John F.
Deye, James A.
—; Padikal, Thomas N.: experience with a pair of matched diodes for constancy checks, **129:** 525, 1978
Dhawan, Vijay
—; Spencer, Richard P.; Pearson, Howard A.; Sziklas, John J.: functional asplenia in the absence of circulating Howell-Jolly bodies (ab), **128:** 862, 1978
Dhekne, Ramesh D.
—; Burdine, John A.: diagnosis of pneumothorax by ventilation-perfusion imaging, **129:** 119, 1978
Diaconis, John N. See Isikoff, Michael B.
Diamond, Arthur B. See Goldman, Stanford M.
Diamond, Charles. See Norman, David
Diamond, S. S. See Alderson, P. O.
Diaz, Fernando
—; Latchow, Richard; Duvall, III, Arndt J.; Quick, Cedric A.; Erickson, Donald L.: mucoceles with intracranial and extracranial extensions: report of two cases (ab), **129:** 274, 1978
Dicello, J. F.
—; Fessenden, P.; Henkelman, R. M.: dosimetry of beams for negative pi-meson radiation therapy (ab), **129:** 287, 1978
Di Chiro, Giovanni. See Brooks, Rodney A.; Chew, Evelyn; Martins, Albert N.
—; Brooks, Rodney A.; Dubal, Leo; Chew, Evelyn: apical artifact: elevated attenuation values toward the apex of the skull (ab), **128:** 269, 1978
Dick, Arthur R. See Kishore, Pulla R. S.
DiCroce, Joseph. See Koehler, Robert E.
Diethelm, Arnold G. See Riley, Jr., Stancel M.
Dietrich, Peter A.
—; Johnson, Robert D.; Fairbank, Jonathan T.; Walke, John S.: chest radiograph in Legionnaires' disease, **127:** 577, 1978
Dietz, Geral W. See Christensen, Edward E.
DiGiacomo, Jr., P. J.
—; Laborda, O. E.; Stein, G. N.; Sheer, III, G. W.; Herrera, A. F.: evaluation of cholestatic jaundice by computed tomography (ab), **128:** 567, 1978
Dillon, E.
—; Parkin, G. J. S.: role of diagnostic radiology in the diagnosis and management of rhabdomyosarcoma in young persons (ab), **129:** 571, 1978
Dillon, James C. See Wann, L. S.; Wann, Lee S.; Weyman, Arthur E.
Dine, Mark S.
—; Martin, Lester W.: malrotation with gastric volvulus, midgut volvulus, and pancreatitis (ab), **128:** 275, 1978
Dinn, W. Martin. See Bryan, Patrick J.
Dinsmore, Robert E. See Miller, Stephen W.
Di Pietrantonio, M. See Dalla Palma, L.
Di Rocco, C. See Belloni, G.
DiTullio, Jr., Michael V.
—; Malkasian, Dennis; Rand, Robert W.: critical comparison of neurosurgical and otolaryngological approaches to acoustic neuromas (ab), **129:** 275, 1978
—; Rand, Robert W.; Frisch, Eldon: detachable balloon catheter: its application in experimental arteriovenous fistulae (ab), **129:** 846, 1978
Dixit, Jagannath K.
—; Manocha, Kundan L.; Leslie, Charles L.; Hagaman, Francis V.; Howard, Arthur L.; Corry, Donald B.: use of intermittent positive pressure breathing (IPPB) in oblique chest tomography, **129:** 234, 1978
Dixon, B. See Larra, F.
Dixon, Brian L.
—; Houston, C. Stuart: fatal neonatal pulmonary candidiasis, **129:** 132, 1978
Dixon, Robert L.
—; Ekstrand, Kenneth E.: film dosimetry system for use in computed tomography, **127:** 255, 1978
Diznoff, S. Barry. See Wills, John S.
Djindjian, M.
—; Djindjian, R.; Rey, A.; Hurth, M.; Houdart, R.: intradural extramedullary spinal arterio-venous malformations fed by the anterior spinal artery (ab), **126:** 837, 1978
—; Djindjian, R.; Hurth, M.; Rey, A.; Houdart, R.: spinal cord arteriovenous malformations and the Klippel-Trenaunay-Weber syndrome (ab), **127:** 282, 1978
Djindjian, R. See Djindjian, M.
Dodd, Gerald D. See Haus, Arthur G.; Jonsson, Kjell
—; Capitanio, Marie A.; Farman, Jack; Kaye, Jeremy J.; Putman, Charles E.: film interpretation session (edit), **129:** 1978
—; Capitanio, Marie A.; Farman, Jack; Kaye, Jeremy J.; Putman, Charles E.: film interpretation session: summary of discussion and diagnoses (edit), **129:** 825, 1978
Dodds, Wylie J. See Leinicke, Jeffrey L.
Doherty, John H. See Ghelman, Bernard
Dohlemann, C.
—; Mantel, K.; Dusch, T.; Buhlmeyer, K.: tracheal compression by the innominate artery: angiographic investigation (ab), **128:** 851, 1978
Dohn, Donald F. See Gardner, W. James
Doi, Kunio. See Imhof, Herwig
Dolan, Gerald F. See Moser, Kenneth M.
Dolan, K. See Mueller, S. M.
Dolan, Kenneth D.
—; Jacoby, Charles G.: facial fractures, (SR), **13:** 37, 1978
Dolinskas, Carol. See Zimmerman, Robert A.
Dolinskas, Carol A.
—; Zimmerman, Robert A.; Bilaniuk, Larissa T.: sign of subarachnoid bleeding on cranial computed tomograms of pediatric head trauma patients, **126:** 409, 1978
Dolman, Clarisse L. See Steinbok, Paul
Domanski, Z. See Oleszczuk-Raszke, K.
Domingue, James N.
—; Wilson, Charles B.: pituitary abscesses: report of seven cases and review of the literature (ab), **126:** 832, 1978
Dominguez, Rodrigo. See Oh, Kook Sang
—; Oh, Kook Sang; Dorst, John P.; Young, Lionel W.: left aortic arch with right descending aorta, (AJR), **130:** 917, 1978
Donald, Paul J.
—; Bernstein, Leslie: compound frontal sinus injuries with intracranial penetration (ab), **129:** 846, 1978
Donaldson, John C.
—; Kaminsky, David B.; Elliott, Robert C.: bronchiolar carcinoma: report of 11 cases and review of the literature (ab), **128:** 565, 1978
Donaldson, Milton. See Tefft, Melvin
Donaldson, Sarah S.
—; Moskowitz, Peter S.; Canty, Earle L.; Efron, Bradley: radiation-induced inhibition of compensatory renal growth in the weanling mouse kidney, **128:** 491, 1978
Donati, Robert M. See Fletcher, James W.
Dondelinger, R. See Lamarque, J. L.
Donner, Martin W. See Ameri, Morad R.
Donovan, Richard C. See Alderson, Philip O.
Doody, Dennis. See Sotos, Juan F.
Doppman, John L. See Alderson, P. O.; Dunnick, N. Reed; Javadpour, Nasser; Maguire, Roderick; Mills, Steven R.; Schaner, Everett G.
—; Girton, Mary; Kahn, E. Ronald: proximal versus peripheral hepatic artery embolization: experimental study in monkeys, **128:** 577, 1978
D'Orazio, Edward A. See Pavlov, Helene
Dorest, A. See Lequesne, M.
Dorst, John P. See Dominguez, Rodrigo; Oh, Kook Sang
Dory, Michel A.
—; Francois, Robert J.: craniocaudal axial view of the sacroiliac joint, (AJR), **130:** 1125, 1978
Dosch, J. See van Damme, W.
Dos Remedios, L. V. See Schor, Robert A.
Dotter, Charles T. See Keller, Frederick S.
—; Rosch, Josef; Robinson, Manfred: fluoroscopic guidance in femoral artery puncture, **127:** 266, 1978
Douglas, Kenneth H. See Alderson, Philip O.
Douglass, Kenneth H. See Qureshi, Saeeda
Dowdey, J. E. See Maravilla, Kenneth R.
Doyle, David. See Adams, J. Hume
Doyle, Eugenie F. See Singh, Amarjit
Doyle, F. H. See Lavender, J. P.
Doyon, D. See Roche, A.
Dragatakis, L. See Patton, R.
Drasin, George F.
—; Lynch, Theodore; Temes, Gerald P.: ectopic ACTH production and mediastinal lipomatosis, **127:** 610, 1978
—; Moss, James P.; Cheng, Samuel H.: *Strongyloides stercoralis* colitis: findings in four cases, **126:** 619, 1978
Drayer, B. P. See Kerber, C. W.; Rosenbaum, A. E.
Drayer, Burton P. See Bank, William O.; Dubois, Philip J.; Maroon, Joseph C.
—; Rosenbaum, Arthur E.: pediatric metrizamide CT cisternography: cerebrospinal fluid circulation and hydrocephalus (ab), **129:** 275, 1978
—; Rosenbaum, Arthur E.: studies of the third circulation: Amipaque CT cisternography and ventriculography (ab), **129:** 845, 1978
Drayer, Jan I. M. See Virdis, Raffaele
Dreisbach, Jim. See Cockrill, Jr., H. Howard
Dreiser, R. See Lequesne, M.
Drennan, J. C.
—; Campbell, J. B.; Ridge, H.: Denver: metropolitan public school scoliosis survey (ab), **126:** 280, 1978
Drew, W. Lawrence
—; Finley, Theodore N.; Golde, David W.: diagnostic lavage and occult pulmonary hemorrhage in thrombocytopenic immunocompromised patients (ab), **126:** 276, 1978
Drewyer, R. G. See Bryan, R. Nick
Dreyfuss, Jack R.
—; Benacerraf, Beryl: saddle cancers of the colon and their progression to annular carcinomas, **129:** 289, 1978
Driessen, O. M. See Thesingh, C. W.
Driscoll, Jr., John M. See Moessinger, Adrien C.
Drosdovskij, B. J.
—; Zyb, A. F.; Duntschik, W. N.: pelvic phlebography by injection of contrast medium into the profundal dorsal penis vein for evaluation of tumor spread in cancer of the urinary bladder and prostate (ab), **126:** 838, 1978
Drouillard, J. See Sabatier, J. C.
Drum, David E.
—; Beard, Judith O.: liver scintigraphic features associated with alcoholism (ab), **128:** 286, 1978
Drumm, J. E. See Fitzgerald, D. E.
Drummond, K. N. See Kaplan, B. S.
Drutz, David J.
—; Catanzaro, Antonino: coccidioidomycosis: part I (ab), **128:** 852, 1978
—; Catanzaro, Antonino: coccidioidomycosis: part II (ab), **128:** 852, 1978
D'Souza, Bernard J. See Sty, John R.
D'Souza, Vincent. See Gomes, Antoinette S.
D'Souza, Vincent J.
—; Schwartz, Jeffrey S.; Amplatz, Kurt: correlation between intracoronary ^{201}Tl myocardial scanning, coronary angiography and left ventriculography, **127:** 433, 1978
—; Tobian, Louis; Formanek, Augustin; Castaneda-Zuniga, Wilfrido R.; Gomes, Antoinette S.; Moore, Richard; Amplatz, Kurt: new, simple test for renin sampling, **129:** 351, 1978
Dubal, Leo. See Di Chiro, Giovanni
Dubernard, J. M. See Minh, V. Tran
Dubiel, Jerzy P. See Parker, Brent M.
Dublin, Arthur B. See Glass, Edwin C.; Sivalingam, Selvadural
—; Richey, Duane C.: pseudoocclusion of a superficial temporal–middle cerebral artery bypass, (AJR), **131:** 162, 1978
Dubois, P. J. See Rosenbaum, A. E.
Dubois, Philip J. See Orr, Donald P.
—; Drayer, Burton P.; Boehnke, Manfred; Rosenbaum, Arthur E.: computed cranial tomography in the investigation of acoustic neurilemmomas (ab), **126:** 547, 1978
—; Drayer, Burton P.; Bank, William O.; Deeb, Ziad L.; Rosenbaum, Arthur E.: evaluation of current diagnostic radiologic modalities in the investigation of acoustic neurilemmomas, **126:** 173, 1978
—; Roub, Leslie W.: giant air cells of the petrous apex: tomographic features, **129:** 103, 1978

—; Myerowitz, Richard L.; Allen, Chris M.: pathoradiologic correlation of pulmonary candidiasis in immunosuppressed patients (ab), **126:** 834, 1978
—; Martinez, A. Julio; Myerowitz, Richard L.; Rosenbaum, Arthur E.: subependymal and leptomeningeal spread of systemic malignant lymphoma demonstrated by cranial computed tomography (ab), **129:** 272, 1978

du Boulay, G. H. See Moseley, I. F.
Dubovsky, Evan V. See Bueschen, Anton J.
Dubravsky, N. B.
—; Hunter, N.; Mason, K; Withers, H. R.: dibutryl cyclic adenosine monophosphate: effect on radiosensitivity of tumors and normal tissues in mice, **126:** 799, 1978

Duchesneau, Paul M. See Weinstein, Meredith A.
basilar artery ectasia demonstrated by computed tomography: reply (L), **126:** 530, 1978
Duckert, Larry G.
—; Varley, Richard B.; Hilger, Jerome A.: computerized axial tomography in the preoperative evaluation of an angiofibroma (ab), **129:** 849, 1978

Ducos, M. See Sabatier, J. C.
Duff, Desmond F. See Gutgesell, Howard P.
—; Gutgesell, Howard P.: use of saline or blood for ultrasonic detection of a right-to-left intracardiac shunt in the early postoperative patient (ab), **127:** 570, 1978

Duffy, Thomas. See Sanders, Roger C.
Dugstad, G. See Amundsen, P.
Dunbar, David. See Hoy, Gregory R.
Duncan, Andrew. See Kido, Daniel K.
Duncan, Andrew W.
—; Hoare, Richard D.: spinal arachnoid cysts in children, **126:** 423, 1978
Duncan, G. W. See Mohr, J. P.
Duncan, Ralph E.
—; Bennett, Dale W.; Evans, Arthur T.; Aron, Bernard S.; Schellhas, Helmut F.: radiation-induced bladder tumors (ab), **126:** 288, 1978

Dunn, Francis G.
—; Chandraratna, Premindra; deCarvalho, Jose G. R.; Basta, L.; Frohlich, Edward D.: pathophysiologic assessment of hypertensive heart disease with echocardiography (ab), **126:** 283, 1978
Dunn, Marvin I. See Wong, Bert Y. S.
Dunnick, N. Reed. See Schaner, Everett G.
—; Doppman, John L.; Brereton, Harmar D.: balloon occlusion of segmental hepatic arteries: control of biopsy-induced hemobilia (ab), **128:** 276, 1978
—; Head, Gordon L.; Peck, Gary L.; Yoder, Frank W.: nevoid basal cell carcinoma syndrome: radiographic manifestations including cystlike lesions of the phalanges, **127:** 331, 1978

Dunsker, Stewart B. See Colley, David P.
Duntschik, W. N. See Drosdovskij, B. J.
Dupler, Donald A. See Ogawa, Satoshi
Dupont, M. G. See Baleriaux-Waha, D.
Durand, Y. See Beneux, J.
Durita, G. See Rontal, Michael
Durizch, Mary Lou. See Littleton, Jesse T.
Dusch, T. See Dohlemann, C.
Dussault, Robert G.
—; Goldman, Amy Beth; Ghelman, Bernard: radiologic diagnosis of loosening and infection in hip prostheses (ab), **126:** 280, 1978

Dutz, W. See Vessal, K.
Duvall, III, Arndt J. See Diaz, Fernando
Dworkin, Howard J.
—; Gutkowski, Robert F.; Porter, William; Potter, Murray: effect of particle number on lung perfusion images: concise communication (ab), **127:** 287, 1978
—; Gutkowski, Robert; Wery, Ray; Ferry, Doug; McCulloch, Roy: quality control in nuclear medicine: radiopharmaceuticals, instrumentation, and *in vitro* assays (bk rev), **128:** 162, 1978

Dwyer, III, Samuel J. See Chang, C. H. Joseph
—; Templeton, Arch W.: considerations about the use of computers in radiodiagnostic departments (bk rev), **129:** 586, 1978
Dye, Larry E.
—; Shin, Myung Soo; Witten, David M.; Russell, Jr., Richard O.; Rackley, Charles E.; Hogg, David E.: pulmonary consolidation associated with infusion of a glucose-insulin-potassium solution in acute myocardial infarction (ab), **128:** 273, 1978

Dyment, Paul G. See Orlowski, James P.

E

Earlywine, Garnett R. See Powers, James M.

Echols, Dean M. See Jabbari, Bahman
Ecker, Martin D.
—; Jay, Bernard; Keohane, Mary F.: procarbazine lung, (AJR), **131:** 527, 1978
Eckert, P. See Vogel, H.
Eckert, William G. See Lin, Tung K.
Eddleston, B.
—; Moores, B. M.; Walker, A.: eye dose measurements using conventional and rare-earth screens during tomography of the para-nasal sinuses (ab), **126:** 274, 1978
Edeiken, Jack. See Feig, Stephen A.
—; Cotler, Jerome M.: ankle trauma, (SR), **13:** 145, 1978
Edeling, Carl-Johan
tumor visualization using ^{67}Gallium scintigraphy in children, **127:** 727, 1978
Edell, Steven
—; Zegel, Harry: ultrasonic evaluation of renal calculi, (AJR), **130:** 261, 1978
Edell, Steven L. See Gohel, Vijay K.; McLean, Gordon K.
Edge, W. E. B.
—; Nuss, D.; Loening, W. E. K.: late-onset intestinal obstruction in cystic fibrosis-meconium ileus equivalent (ab), **126:** 552, 1978
Edmiston, W. Allan. See Allen, John W.
Edner, Goran
—; Forster, David M. C.; Steiner, Ladislau; Bergvall, Ulf: spontaneous healing of intracranial aneurysm after subarachnoid hemorrhage: case report (ab), **129:** 845, 1978
Edwards, E. Chatterton. See O'Reilly, P. H.
Edwards, L. A. See Sutherland, L. R.
Edwards, Morven S.
—; Baker, Carol J.; Granberry, W. Malcolm; Barrett, Fred F.: pelvic osteomyelitis in children (ab), **128:** 278, 1978
Eenmaa, J. See Wootton, P.
Effmann, E. L. See Polansky, S. M.
Effmann, Eric L.
—; Ablow, Ronald C.; Touloukian, Robert J.; Seashore, John H.: radiographic aspects of total parenteral nutrition during infancy, **127:** 195, 1978
Efron, Bradley. See Donaldson, Sarah S.
Efron, G. See Turner, S. S.
Eftaha, Mohammed. See Asokan, Sangarappillai
Egan, James F. See Sayler, Clinton
Egan, Robert L.
—; Mosteller, Robert C.: breast cancer mammography patterns (ab), **127:** 277, 1978
—; Goldstein, Gordon T.; McSweeney, Marjorie M.: conventional mammography, physical examination, thermography and xeroradiography in the detection of breast cancer (ab), **126:** 275, 1978
Eggermont, E. See Forget, P.
Eggleston, Joseph D. See Khouri, Nagi F.
Eggleton, Reginald C. See Wann, L. S.
Ehrhardt, James C. See Verani, Mario S.
Ehrhardt, James E. See Verani, Mario S.
Ehrich, Dennis A.
—; Vieweg, W. V. R.; Alpert, J. S.; Folkerth, T. L.; Hagan, A. D.: cor triatriatum: report of a case in a young adult with special reference to the echocardiographic features and etiology of the systolic murmur (ab), **127:** 570, 1978
Ehrie, Michael. See Herman, Peter G.
Ehrlich, Michael G. See Norris, Stephen
Ehrlich, R. M. See Sample, W. F.
Eichel, Berkley S.
medical and surgical approach in management of the unilateral opacified antrum (ab), **127:** 560, 1978
Eichling, John O. See Grubb, Jr., Robert L.
Eiger, Marvin. See Goldfine, Susan L.
Eilers, H. See Habighorst, L. V.
Ein, Sigmund H.
—; Shandling, Barry; Simpson, James S.; Stephens, Clinton A.: nonoperative management of traumatized spleen in children: how and why (ab), **128:** 862, 1978
Einhorn, Lawrence. See Cakmak, Ahmet
Einhorn, Robert. See Adler, Jonathan
Eisenberg, Harvey. See Arnold, Ben A.
Eisenberg, Lee. See Fu, Karen K.
Eisenberg, R. L.
—; Margulis, A. R.; Moss, A. A.: giant duodenal ulcers (ab), **128:** 854, 1978
Eisenberg, Ronald L. See Gooding, Gretchen A. W.
—; Mani, Richard L.; Hedgcock, Marcus W.: pain associated with peripheral angiography: is lidocaine effective? **127:** 109, 1978
Eisenburg, Josef. See Scherer, Ulla
Eisencher, Albert. See Weill, Francis
Eisert, Donald R. See Cox, James D.
Ekberg, Olle
Crohn's disease of the small bowel examined by double contrast technique: comparison with the oral technique (ab), **126:** 277, 1978
double contrast examination of the small bowel (ab), **126:** 277, 1978
Ekelund, L.
—; Gothlin, J.: angiography in carcinoma of the renal pelvis and the ureter (ab), **126:** 555, 1978
—; Gothlin, J.: effect of angiotensin on normal renal circulation determined by angiography and a dye dilution technique (ab), **127:** 282, 1978
Ekelund, Leif. See Jhaveri, Harish S.; Nance, Jr., E. Paul
—; Gerlock, Jr., James; Goncharenko, Victor; Foster, John: angiographic findings following surgical treatment for renovascular hypertension, **126:** 345, 1978
radiologic findings in renal amyloidosis, (AJR), **129:** 851, 1977
Ekstrand, Kenneth E. See Dixon, Robert L.
Ekstrom, Deborah
—; Weiner, Michael; Baier, Bernard: pulmonary arteriovenous fistula as a complication of trauma, (AJR), **130:** 1178, 1978
Elbl, Francisco E. See Rees, Allan H.
Elbrond, O. See Andersen, A. P.
Eldevik, O. Petter
—; Nakken, Karl Otto; Haughton, Victor M.: effect of dehydration on the side effects of metrizamide myelography, **129:** 715, 1978
—; Haughton, Victor M.: effect of hydration on the acute and chronic complications of aqueous myelography: experimental study, **129:** 713, 1978
—; Haughton, Victor M.; Ho, Khang-Cheng; Williams, Alan L.; Unger, George F.; Larson, Sanford J.: ineffectiveness of prophylactic intrathecal methylprednisolone in myelography with aqueous media, **129:** 99, 1978
—; Haughton, Victor M.: risk factors in complications of aqueous myelography, **128:** 415, 1978
Eldevik, Petter. See Haughton, Victor M.
Elias, Elwyn. See Ascione, Antonio
El-Kafrawy, A. H. See Melnick, Michael
Elkin, Milton
emergency uroradiology for the nontraumatized patient, (RCNA), **16:** 135, 1978
Ellenbogen, Paul H. See Scheible, William
—; Scheible, F. William; Talner, Lee B.; Leopold, George R.: sensitivity of gray scale ultrasound in detecting urinary tract obstruction, (AJR), **130:** 731, 1978
Elliott, Larry P. See Bream, Peter R.; Souza, Jr., Arthur S.
Elliott, Robert C. See Donaldson, John C.
Ellis, Guy T. See Chuang, Vincent P.
Ellis, Jr., James. See Steele, Peter
Ellis, Kent
—; Wolff, Marianne: mesotheliomas and secondary tumors of the pleura, (SR), **12:** 303, 1977
Elson, Howard R. See Stupar, Terry A.
Eltringham, James. See Moore, Terence N.
Emami, Abbas. See Kroovand, R. Lawrence
Emami, Bahman
—; Melo, Agustin; Carter, Barbara L.; Munzenrider, John E.; Piro, Anthony J.: value of computed tomography in radiotherapy of lung cancer, (AJR), **131:** 63, 1978
Emanuel, Benjamin
—; Young, Norman: recurrent osteomyelitis of the sternum (ab), **126:** 554, 1978
Emanuel, Richard. See Feizi, Ozgen
Emarine, Charles W. See Talner, Lee B.
Endo, Naoto. See Asayama, Jun
Engel, Peter. See Settle, Harold P.
Engel, W. King. See Gottdiener, John S.
Engle, Claudette V. See Barry, Jane W.
Enzmann, Dieter
—; Scott, William R.: intracranial involvement of giant-cell arteritis (ab), **128:** 268, 1978
Enzmann, Dieter R. See Brant-Zawadzki, M.; Norman, David
—; Norman, David; Levin, Victor; Wilson, Charles; Newton, Thomas H.: computed tomography in the follow-up of medulloblastomas and ependymomas, **128:** 57, 1978
—; Ranson, B.; Norman, D.; Talberth, E.: computed tomography of herpes simplex encephalitis, **129:** 419, 1978
—; Lane, Barton: enlargement of subarachnoid spaces and lateral ventricles in pediatric patients undergoing chemotherapy (ab), **129:** 557, 1978
—; Kramer, Richard; Norman, David; Pollock,

James: malignant melanoma metastatic to the central nervous system, **127:** 177, 1978
Epstein, David A.
—; Levin, Emanuel J.: bone scintigraphy in hereditary multiple exostoses, (AJR), **130:** 331, 1978
Epstein, Stephen E. See Maron, Barry J.
Eraklis, Angelo. See Fischer, Keith C.
Eraklis, Angelo J. See Treves, Salvador
Erdmann, W. A. See Fry, F. J.
Erickson, Donald L. See Diaz, Fernando
Erickson, J. J. See Brill, A. B.
Ermini, Giuliano. See Monti, Carlo
Ermocilla, Rufino. See Tonkin, Ina L. D.
Esguerra, Jorge V. See Kieffer, Stephen A.
Etavard, Christian. See Ancri, Daniel
Etheredge, Edward E. See Anderson, Charles B.
Ethier, R. See Leppik, I. E.
Ethier, Romeo. See Little, John R.; Tchang, Stanley
Eto, Ross T. See Stanley, Philip
Ettori, F. See Krayenbuhl, H. P.
Eubig, Casimir
—; Groves, Bertron M.; Davey, Graham: adjustable lead glass shielding device for use with an over-the-table x-ray tube, **129:** 816, 1978
Euler, Arthur R. See Byrne, William J.
Evans, Arthur T. See Duncan, Ralph E.
Evans, B. B. See Palomar, J. M.
Evans, Imogen M. A. See Lavender, J. P.
Evans, K. T. See Roberts, G. M.
Evans, Richard M. See Perry, Henry D.
Evans, William E. See Paulson, George W.
—; O'Dorisio, Thomas M.; Molnar, William; Martin, Jr., Edward W.; Wooley, Charles F.; Cooperman, Marc: intraoperative localization of intestinal arteriovenous malformation (ab), **128:** 567, 1978
Evarts, C. McCollister. See Mayer, Philip J.
Evens, Ronald G. See Levitt, Robert G.
computed tomography: stimulus and challenge for radiology, (SR), **13:** 191, 1978
—; Jost, R. Gilbert: economic analysis of body computed tomography units including data on utilization, **127:** 151, 1978
Everett, E. Dale. See Stevens, Dennis L.
Eyler, William R. See Pendergrass, Henry P.
atlas of human anatomy. vol. 3: central nervous system, autonomic nervous system, sense organs and skin, peripheral nerves and vessels (bk rev), **128:** 594, 1978
atlas of human anatomy. vol. 1: regions, bones, ligaments, joints and muscles (bk rev), **128:** 594, 1978
atlas of human anatomy. vol. 2: visceral anatomy (cardiovascular, lymphatic, digestive, respiratory and urogenital systems) (bk rev), **128:** 594, 1978
copyright policy (edit), **127:** 269, 1978
cross-sectional anatomy: computed tomography and ultrasound correlation (bk rev), **127:** 164, 1978
medical and health information directory. guide to state, national and international organizations, government agencies, educational institutions, hospitals, grant-award sources, health care delivery agencies, journals, newsletters, review serials, abstracting services, publishers, research centers, computerized data banks, audiovisual services, and libraries and information centers. (bk rev), **128:** 600, 1978
report (edit), **126:** 533, 1978
review of manuscripts submitted to *Radiology* (edit), **126:** 823, 1978
Eymontt, Michael J. See Makler, Jr., P. Todd

F

Fabian, Richard L. See Sofferman, Robert A.
Facer, George W. See Clark, Jack L.
Faer, Michael J.
—; Messerschmidt, Gerald L.: nonfatal pulmonary air embolism: radiographic demonstration, (AJR), **131:** 705, 1978
—; Burnam, Ronald E.; Beck, Charles L.: transmural thoracic lipoma: demonstration by computed tomography, (AJR), **130:** 161, 1978
Fagan, Charles J. See Swischuk, Leonard E.
antepartum diagnosis of conjoined twins by ultrasonography, (AJR), **129:** 921, 1977
Fagerberg, G.
angiographic localization of parathyroid adenomas (ab), **129:** 845, 1978
Fair, William R. See Miller, Tom R.
Fairbank, Jonathan T. See Dietrich, Peter A.
Fairley, K. F.
—; Roysmith, J.: forgotten factor in the evaluation of vesicoureteric reflux (ab), **126:** 555, 1978
Faling, L. Jack. See Pugatch, Robert D.
Faling, Leendert J. See Robbins, Alan H.
Falk, Abraham
—; Fuchs, George: prophylaxis with isoniazid in inactive tuberculosis: Veterans Administration Cooperative Study XII (ab), **127:** 850, 1978
Fallon, John T. See Boucher, Charles A.
Farha, Suhaul J. See Lin, Tung K.
Faria, Michael. See Birnholz, Jason C.
Farley, George. See Shaffer, Katherine
Farman, Jack. See Dallemand, Serge; Dodd, Gerald D.; Ghahremani, Gary G.
Farooki, Zia Q. See Slovis, Thomas L.
Farpour, A. See Vessal, K.
Farrar, D. J. See O'Reilly, P. H.
Farrell, Kevin. See Pond, Gerald D.
Farrer-Brown, Geoffrey. See Feizi, Ozgen
Farrow, George M. See Henderson, John W.
Fasol, P.
—; Munk, P.; Strickner, M.: blood supply of the carpal scaphoid (ab), **128:** 278, 1978
Fauci, Anthony S. See Maguire, Roderick; Vermess, Michael
Faure, C. See Beauvais, P.
Faust, H.
—; Bernoulli, R.; Stadler, G.; Gyr, N.: diagnostic errors of retrograde cholangiopancreatography: experiences with a prospective study of 197 examinations (ab), **129:** 277, 1978
Favus, Murray J. See Schneider, Arthur B.
Fayle, B. W. K.
diagnostic ultrasound in a community hospital: first two years (ab), **129:** 574, 1978
Fayos, Juan V.
—; Kim, Young H.: treatment of testicular tumors, **128:** 471, 1978
Fazio, Ferruccio
—; Lavender, J. Peter; Steiner, Robert E.: ^{81m}Kr ventilation and ^{99m}Tc perfusion scans in chest disease: comparison with standard radiographs, (AJR), **130:** 421, 1978
Feczko, Peter J. See Frank, Paul H.
Fee, Jr., Henry J.
—; Jones, Peter C.; Kadell, Barbara; O'Connell, Theodore X.: radiologic diagnosis of appendicitis (ab), **126:** 835, 1978
Feig, Stephen A.
—; Shaber, Gary S.; Patchefsky, Arthur S.; Schwartz, Gordon F.; Edeiken, Jack; Nerlinger, Rudolph: tubular carcinoma of the breast: mammographic appearance and pathological correlation, **129:** 311, 1978
Feigenbaum, Harvey. See Rasmussen, Susan; Wann, L. S.; Wann, Lee S.; Weyman, Arthur E.
Feigin, David S. See Reed, James C.
Feigin, Ralph D. See Bell, Martin J.
Feiglin, David H. I. See Sternberg, Leonard
Feinberg, Samuel B.
—; Schreiber, Donald R.; Goodale, Robert: comparison of ultrasound pancreatic scanning and endoscopic retrograde cholangiopancreatograms: retrospective study (ab), **126:** 284, 1978
Feingold, Mitchell L. See Armbuster, Thomas G.; Guerra, Jr., Jose
—; Resnick, Donald; Niwayama, Gen; Garetto, Lawrence: plantar compartments of the foot: roentgen approach (ab), **126:** 554, 1978
Feins, Neil R. See Cranley, William R.
Feizi, Ozgen
—; Farrer-Brown, Geoffrey; Emanuel, Richard: familial study of hypertrophic cardiomyopathy and congenital aortic valve disease (ab), **128:** 860, 1978
Feldman, Arthur E.
—; Pollack, Howard M.; Perri, Jr., Anthony J.; Karafin, Lester; Kendall, A. Richard: renal pseudotumors: anatomic-radiologic classification (ab), **129:** 856, 1978
Feldman, Michael S. See Morrison, Carol A.
Feldman, Philip S. See Lees, Richard F.
Feller, Paul A. See Thomas, Stephen R.
Fellner, Susan K. See Kottle, Sheldon Paul
Fellows, Kenneth E. See Boechat, Maria Ines; Cleveland, Robert H.; Levin, David C.
—; Strand, Roy D.: arteriography in children using an isocentric parallelogram, **128:** 824, 1978
Felman, Alvin H. See McCook, Thomas A.
Felner, Joel M. See Gilbert, Charles A.; Story, William E.
—; Harwood, Suzanne; Mond, Harry; Plauth, William; Brinsfield, Dorothy; Schlant, Robert C.: systolic honks in young children (ab), **126:** 283, 1978
Felson, Benjamin
extrapleural space, (SR), **12:** 327, 1977
Fendel, H. See Sippell, W. G.
Fenger, Kirsten
—; Niebuhr, Erik: measurements on hand radiographs from 32 cri-du-chat probands, **129:** 137, 1978
Fenichel, Gerald M. See McGrory, Bruce E.
Fenster, A. See Johns, H. E.
Fenster, L. Frederick. See Rohrmann, Jr., Charles A.
Fernandez, Carlos. See Tefft, Melvin
Ferrara, Thomas P.
—; Clemett, Arthur R.: radiographic contrast agents (bk rev), **126:** 602, 1978
Ferrari, Liliana R. See Zanetti, E.
Ferrari, M. See Masera, G.
Ferreyro, Roque. See Fisher, Richard G.
Ferri, H. A. See Burns, Patricia E.
Ferris, Fred Z. See Goldstein, David H.
Ferrucci, Jr., Joseph T. See Black, Edward B.; Harley, William D.; Kirkpatrick, Robert H.; Wittenberg, Jack
—; Wittenberg, Jack: CT biopsy of abdominal tumors: aids for lesion localization, **129:** 739, 1978
Ferry, Doug. See Dworkin, Howard J.
Fessenden, P. See Dicello, J. F.
Fessenden, Peter
—; Palos, Bernice B.; Karzmark, Clarence J.: dosimetry for tangential chest wall irradiation, **128:** 485, 1978
Fetter, Bernard F. See Older, Robert A.
Fewell, Thomas R. See Weaver, Kenneth E.
—; Shuping, Ralph E.: comparison of mammographic x-ray spectra, **128:** 211, 1978
Fialkow, Philip J. See Daly, Michael J.
Fiedler, U. See Rost, A.
Fields, William R. See Liu, Chung-I
Fierstein, Jeffery F.
—; Thawley, Stanley E.: lymphoma of the head and neck (ab), **129:** 849, 1978
Fierstien, Stephen B.
simple catheter curve for cerebral angiography, **126:** 524, 1978
Figueras, Nicholas. See Cordoba, Alfonso
Fill, William L. See Bonilla-Santiago, Jaime
Filly, Roy A. See Callen, Peter W.; Golbus, Mitchell S.; Goldberg, Henry I.; Korobkin, Melvyn; Kressel, Herbert Y.; Laing, Faye C.; Levine, Sandra C.; Sommer, Graham
—; Laing, Faye C.: anatomic variation of portal venous anatomy in the porta hepatis: ultrasonographic evaluation (ab), **129:** 572, 1978
—; Callen, Peter W.: ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, (RCNA), **16:** 159, 1978
Findley, William A. See Wing, Jennifer P.
Fineberg, Harvey V. See Wittenberg, Jack
—; Bauman, Roger; Sosman, Martha: computerized cranial tomography: effect on diagnostic and therapeutic plans (ab), **126:** 548, 1978
Finegold, Milton J. See Singh, Amarjit
Fingerhut, A.
—; Pourchet, J.; Pelletier, J. M.; Berteaux, D.; Bourdain, J. L.; Nouailhat, F.; Ronat, R.: two cases of posterolateral congenital diaphragmatic hernia first manifest in adulthood by severe complications (ab), **128:** 854, 1978
Fink, Jordon N. See Cohen, Steven H.
Finkel, Martin A. See Sotos, Juan F.
Finkelstein, J. Barnett. See deSantos, Luis Alonso
Finkelstein, S. See Mohr, J. P.
Finklestein, J. Barnett. See deSantos, Luis Alonso
Finlayson, M. A. J. See Banna, M.
Finley, Theodore N. See Drew, W. Lawrence
Firooznia, Hossein
—; Pudlowski, Rochelle; Golimbu, Cornelia; Rafii, Mahvesh; McCauley, Dorothy: diffuse interstitial calcification of the lungs in chronic renal failure mimicking pulmonary edema, (AJR), **129:** 1103, 1977
Firor, Hugh. See Tonkin, Ina L. D.
Fischella, Paula R. See Carson, Paul L.
Fischer, Diana B. See McIntosh, Sue
Fischer, Edward P. See Lindell, Jr., Marvin M.
Fischer, H. W. See Violante, M. R.
Fischer, James J.
role of computers in radiation therapy: analysis of clinical radiotherapy data, **129:** 783, 1978
Fischer, Keith C.
—; Eraklis, Angelo; Rossello, Pedro; Treves, S.: scintigraphy in the followup of pediatric splenic trauma treated without surgery (ab), **128:** 286, 1978

Fischer, Thomas J.
—; Cipel, Louis; Stiehm, E. Richard: pneumatosis intestinalis associated with fatal childhood dermatomyositis (ab), **128:** 280, 1978
Fishbein, Michael C. See Baumstark, Anthony E.; Davidson, Kenneth H.; Hessel, Samuel J.
Fishbone, Gerald
—; Nunez, Jr., Diego; Leon, Raphael; Paz, Guillermo; Isturiz, Paul; McLoughlin, Christopher: massive splenic infarction in sickle cell-hemoglobin C disease: angiographic findings, (AJR), **129:** 927, 1977
Fishel, E. See Chemke, J.
Fisher, Richard G.
—; Ferreyro, Roque: evaluation of current techniques for nonsurgical removal of intravascular iatrogenic foreign bodies, (AJR), **130:** 541, 1978
Fishman, Lawrence S. See Gates, Gary F.
Fishman, Noel H. See Fraser, Robert W.
Fitz, C. R.
—; Harwood-Nash, D. C.; Boldt, D. W.: radiographic features of unilateral megalencephaly (ab), **129:** 852, 1978
Fitz, Charles R. See Byrd, Sharon E.; Lin, Shu-Ren
—; Wortzman, George; Harwood-Nash, Derek C.; Holgate, Richard C.; Barry, Jonathan F.; Boldt, David W.: computed tomography in craniopharyngiomas, **127:** 687, 1978
Fitzgerald, D. E.
—; Drumm, J. E.: non-invasive measurement of human fetal circulation using ultrasound: new method (ab), **127:** 857, 1978
Fitzgerald, Joseph F. See Franken, Jr., E. A.
Fitzgerald, Patrick J.
—; Fortner, Joseph G.; Watson, Robin C.; Schwartz, Morton K.; Sherlock, Paul; Benua, Richard S.; Cubilla, Antonio L.; Schottenfeld, David; Miller, Daniel; Winawer, Sidney J.: value of diagnostic aids in detecting pancreas carcinoma (ab), **128:** 567, 1978
Fitz-Hugh, G. S. See Jackson, R. T.
Fitzpatrick, John J.
—; Shansky, Ronald M.; Bersky, Leon; Lewis, Augustus E.; Pinc, Roger D.: radiology identification card and charge card: addressographic radiographic film borrowing system, **129:** 530, 1978
Flanigan, Donald J.
—; Buttny, June H.: ultrasonic imaging of normal intrauterine fetal anatomy (ab), **127:** 857, 1978
Flannery, John T. See Spencer, Richard P.
Fledelius, H. See Gyldensted, C.
Fleg, Jerome L. See Ruwitch, Joseph F.
—; Siegel, Barry A.; Williamson, Joseph R.; Roberts, Robert: ^{99m}Tc-pyrophosphate imaging in acute pericarditis: clinical and experimental study, **126:** 727, 1978
Flehinger, Betty J.
—; Melamed, Myron R.; Heelan, Robert T.; McGinnis, Carolyn M.; Zaman, Muhammad B.; Martini, Nael: accuracy of chest film screening by technologists in the New York early lung cancer detection program, (AJR), **131:** 593, 1978
Fleischer, Arthur C.
—; James, Jr., A. Everette; Millis, James B.; Julian, Conrad: differential diagnosis of pelvic masses by gray scale sonography, (AJR), **131:** 469, 1978
—; James, Jr., A. Everette; Krause, David A.; Millis, James B.: sonographic patterns in trophoblastic diseases, **126:** 215, 1978
Flemington, C. Susan. See Smith, Eldon R.
Flemming, Peter A. See Syed, A. M. Nisar
Fletcher, Barry D.
—; Yulish, Barry S.: intraluminal calcifications in the small bowel of newborn infants with total colonic aganglionosis, **126:** 451, 1978
medial herniation of the parietal pleura: useful sign of pneumothorax in supine neonates, (AJR), **130:** 469, 1978
Fletcher, Gilbert H. See Barker, Jerry L.; Landgren, Robert D.
evolution of the basic concepts underlying the practice of radiotherapy from 1949 to 1977: Erskine memorial lecture, 1977, **127:** 3, 1978
present status of low-LET radiation in the management of cancers: challenge to high-LET radiation (ab), **129:** 287, 1978
Fletcher, James W.
—; Walter, Kenneth E.; Witztum, Kathryn F.; Daly, James L.; Herbig, Francis K.; Mueller, Hiltrud S.; Donati, Robert M.: diagnosis of coronary artery disease with ^{201}Tl: computer analysis of myocardial perfusion images, **128:** 423, 1978
Fleury, B. See Sabatier, J. C.
Flickinger, Fred W.
—; Jackson, George L.: radionuclide scan findings in delayed splenic rupture, **129:** 763, 1978
Flow, Bryan L. See Raulston, Gilbert L.
Flowers, Nancy C. See Goldstein, David H.; Ramirez, Jairo
Flye, M. Wayne. See Schaner, Everett G.
Flynn, John J. See Vanesian, Richard
Foerster, James M. See McGahan, John P.
Fogelman, Ignac
—; Bessent, Rodney G.; Turner, John G.; Citrin, Dennis L.; Boyle, Iain T.; Greig, William R.: use of whole-body retention of Tc-99m diphophonate in the diagnosis of metabolic bone disease (ab), **128:** 575, 1978
Fogle, Jerry A.
—; Welch, Robert B.; Green, W. Richard: retinitis pigmentosa and exudative vasculopathy (ab), **129:** 847, 1978
Fogler, Richard
—; Golembe, Edward: methylene blue injection: intraoperative guide in small bowel resection for arteriovenous malformation (ab), **127:** 852, 1978
Fojaco, Rita M. See Wexler, Howard A.
Foley, W. Dennis
—; Haughton, Victor M.; Schmidt, James; Wilson, Charles R.: xenon contrast enhancement in computed body tomography, **129:** 219, 1978
Folger, W. Neath. See Campbell, J. Keith
Folkerth, T. L. See Ehrich, Dennis A.
Follath, F. See Howald, H.
Fonkalsrud, E. W. See Cipel, L.
Fonseca, Joaquin R. See Cunha-Vaz, Jose G.
Foote, George A. See Schabel, Stephen I.
Forbes, Glenn S.
—; Sheedy, II, Patrick F.; Piepgras, David G.; Houser, O. Wayne: computed tomography in the evaluation of subdural hematomas, **126:** 143, 1978
Forbes, W. St. C.
—; Isherwood, I.: computed tomography in syringomyelia and the associated Arnold-Chiari type I malformation (ab), **129:** 855, 1978
Fordham, Ernest W. See Turner, David A.
Forget, P.
—; Eggermont, E.; Marchal, G.; Geboes, K.; Jacken, J.; Melchior, S.: eosinophilic infiltration of the oesophagus in an infant (ab), **129:** 853, 1978
Formanek, Augustin. See Castaneda-Zuniga, Wilfrido R.; D'Souza, Vincent J.
—; Probst, P.; Amplatz, Kurt: thickness of the descending aortic wall: unreliable angiographic sign for dissecting aneurysms, **129:** 50, 1978
Forrest, John V.
—; Stanley, Robert J.: transverse colon in adult umbilical hernia, (AJR), **130:** 57, 1978
Forrest, Maureen E.
—; Skerker, Leonard B.; Nemiroff, Martin J.: hard metal pneumoconiosis: another cause of diffuse interstitial fibrosis, **128:** 609, 1978
Forrester, D. M. See Newmark, III, Harris
—; Magre, George: migrating bone shards in dissecting charcot joints, (AJR), **130:** 1133, 1978
Forsberg, Lillemor
—; Hafstrom, Larsolof; Lunderquist, Anders; Sundqvist, Kaj: arterial changes during treatment with intrahepatic arterial infusion of 5-fluorouracil, **126:** 49, 1978
Forsted, David L.
—; Dalinka, Murray K.; Mitchell, Eric; Brighton, Carl T.; Alavi, Abass: radiologic evaluation of the treatment of nonunion of fractures by electrical stimulation, **128:** 629, 1978
Forster, David M. C. See Edner, Goran
Forsythe, Alan. See Gilbert, Harvey A.
Forsythe, John R.
—; Gosink, Barbara B.; Leopold, George R.: ultrasound in the evaluation of adrenal metastases (ab), **126:** 843, 1978
Fortner, Joseph G. See Fitzgerald, Patrick J.
Fortuin, Nicholas J. See Come, Patricia C.; Dashkoff, Neil
Foster, D. N.
—; Herlinger, H.; Miloszewski, K. J. A.; Losowsky, M. S.: hepatofugal portal blood flow in hepatic cirrhosis (ab), **128:** 566, 1978
Foster, John. See Ekelund, Leif
Foster, Stanley C.
—; McLaughlin, Stephen M.: improvement in the ultrasonic evaluation of the gallbladder by using the left lateral decubitus position (ab), **126:** 557, 1978
Fotopoulus, John P.
—; Caprini, Joseph A.: percutaneous forceps extraction of retained biliary tract calculi (ab), **126:** 279, 1978
Fournemont, E.
traumatic mesenteric avulsion: case report of presumed battered child (ab), **126:** 552, 1978
Fournier, A. See Lamarque, J. L.
Fouty, William J. See Gerber, Frederic H.
Fowler, Deborah L. See Case, David B.
Fowler, J. F. See Wiernik, G.
developments in radiotherapy other than heavy particle beams (ab), **129:** 287, 1978
Fowler, Noble O. See Settle, Harold P.
Fowler, William. See DeMaria, Anthony N.
Fox, Edward L. See Stein, Richard A.
Fox, Lay M. See Andy, Joseph J.
Fox, Mark. See Franken, Jr., E. A.
Fox, Stanley H.
—; Moskowitz, Myron; Saenger, Eugene L.; Kereiakes, James G.; Milbrath, John; Goodman, Mark W.: benefit/risk analysis of aggressive mammographic screening, **128:** 359, 1978
Fraissinet, R. See Corbeau, A.
Fraker, Keith. See Burnham, John
Francis, P. See Wiernik, G.
Francois, Robert J. See Dory, Michel A.
Francone, M. See Schajowicz, F.
Frank, A. See Polansky, S. M.
Frank, C. Gordon. See Arndt, Rolf D.
Frank, Irwin N. See Barbaric, Zoran L.; Segal, Arthur J.
Frank, Martin J. See Canedo, Mario I.
Frank, Paul H.
—; O'Connell, Denis J.: pneumatosis cystoides intestinalis and obstructing intussusception in celiac disease (ab), **127:** 565, 1978
—; Riddell, Robert H.; Feczko, Peter J.; Levin, Bernard: radiological detection of colonic dysplasia (precarcinoma) in chronic ulcerative colitis (ab), **129:** 565, 1978
Franken, C. See Thesingh, C. W.
Franken, Jr., E. A.
—; Fox, Mark; Smith, John A.; Smith, Wilbur L.: acute gastric dilatation in neglected children, (AJR), **130:** 297, 1978
—; Smith, Wilbur L.; Smith, John A.; Fitzgerald, Joseph F.: percutaneous cholangiography in infants, (AJR), **130:** 1057, 1978
—; Smith, J. A.; Smith, W. L.: tumors of the chest wall in infants and children (ab), **126:** 834, 1978
Franken, Jr., Emanuel A. See Burney, B.
Franklin, Jr., John. See Sniderman, Kenneth W.
Fraser, D. B. See Campbell, D. R.
Fraser, G. M.
—; Cruikshank, J. G.; Sumerling, M. D.; Buist, T. A. S.: percutaneous transhepatic cholangiography with the Chiba needle (ab), **129:** 563, 1978
Fraser, Robert W.
—; Wara, William M.; Thomas, Arthur N.; Mauch, Peter M.; Fishman, Noel H.; Galante, Maurice; Phillips, Theodore L.; Buschke, Franz: combined treatment methods for carcinoma of the esophagus, **128:** 461, 1978
Fredensborg, N.
congenital dislocation of the hip: results of early diagnosis and treatment in Malmo (ab), **127:** 567, 1978
Fredensborg, Nis
—; Nilsson, Bo E.: joint space in normal hip radiographs, **126:** 325, 1978
Freedman, Harvey M. See Pulec, Jack L.
Freedom, Robert M. See Bini, Roberta M.
—; Culham, J. A. G.; Rowe, Richard D.: angiocardiography of subaortic obstruction in infancy, (AJR), **129:** 813, 1977
Freeny, Patrick C. See Goldman, Martin L.; Rohrmann, Jr., Charles A.
—; Ball, Terrence J.: evaluation of endoscopic retrograde cholangiopancreatography and angiography in the diagnosis of pancreatic carcinoma, (AJR), **130:** 683, 1978
—; Rosoff, Jr., Leonard: pancreatic duct obstruction: new observation during fine needle percutaneous transhepatic cholangiography, (AJR), **131:** 521, 1978
—; Ball, Terrence J.: rapid diagnosis of pancreatic carcinoma: algorithmic approach, **127:** 627, 1978
Freiberger, Robert H. See Pavlov, Helene
Freier, Duane T. See Freitas, John E.
Freifus, Leonard S. See Ogawa, Satoshi
Freiman, David. See Miller, Wallace T.; Oleaga, Juan A.; Ring, Ernest J.
Freiman, David B. See Ring, Ernest J.
—; Ring, Ernest J.; Oleaga, Juan A.; Carpiniello, Victor C.; Wein, Alan J.: thin needle biopsy in the diagnosis of ureteral obstruction with malignancy (ab), **129:** 856, 1978
Freitag, F. See Vietor, K. W.
Freitas, John E. See Thrall, James H.
—; Sisson, James C.; Freier, Duane T.; Thompson, Norman W.: MEN type IIa syndrome: dilemmas in modern management, (SNM), **8:** 73, 1978

French, Barry N.
—; Cobb, III, Cully A.; Corkill, Guy; Youmans, Julian R.: delayed evolution of posttraumatic subdural hygroma (ab), **128:** 850, 1978
French, James W. See Broderick, Thomas W.
Frias, Zenaida. See Bosch, Antonio
Fricker, Frederick J. See Park, Sang C.
Fried, Andrew M. See Chuang, Vincent P.
Fried, Floyd A. See Cuttino, Jr., John T.
Friede, R. L.
—; Yasargil, M. Gazy: supratentorial intracerebral epithelial (ependymal) cysts: review, case reports, and fine structure (ab), **126:** 272, 1978
Friedenberg, Richard M. See Morehouse, Helen T.
Friedland, Gerald W.
historical review of the changing concepts of lower esophageal anatomy: 430 B.C.–1977, (AJR), **131:** 373, 1978
Friedlander, Lawrence M. See Fu, Karen K.
Friedman, Arnold C.
—; Naidich, Thomas P.: fabella sign and radiologic assessment of knee joint effusion: reply (L), **129:** 541, 1978
—; Naidich, Thomas P.: fabella sign: fabella displacement in synovial effusion and popliteal fossa masses. normal and abnormal fabello-femoral and fabello-tibial distances, **127:** 113, 1978
—; Chambers, Evan; Sprayregen, Seymour: normal and abnormal left superior intercostal vein, (AJR), **131:** 599, 1978
Friedman, Eliezer. See Iancu, Theodore C.
Friedman, J. M.
—; Hanson, James W.; Graham, C. Benjamin; Smith, David W.: Saethre-Chotzen syndrome: broad and variable pattern of skeletal malformations (ab), **128:** 568, 1978
Friedman, Jerry. See Shaffer, Katherine
Friedman, Paul J. See Alazraki, Naomi P.
Friedman, William F. See Broderick, Thomas W.; Hirschklau, Michael J.
Friesen, Elroy J. See Agarwal, Suresh K.
Frisch, Eldon. See DiTullio, Jr., Michael V.
Frisen, L.
—; Lindgren, S.; MacGregor, B. J. L.; Stattin, S.: sarcoid-like disorder of the intracranial optic nerve: clinicopathological report of two cases (ab), **127:** 847, 1978
—; Holmegaard, L.; Rosencrantz, M.: sectorial optic atrophy and homonymous, horizontal sectoranopia: lateral choroidal artery syndrome? (ab), **129:** 558, 1978
Fritz, Steven L. See Chang, C. H. Joseph
Fritzhand, Martin D. See MacMillan, Bruce G.
Fritzsche, Peggy. See Pinckney, Lee E.
Froelich, Carla R. See Sasse, Lewis
Frohlich, Edward D. See Dunn, Francis G.
Frohman, Lawrence A. See Schneider, Arthur B.
Fromkes, John
—; Thomas, Fred B.; Mekhjian, Hagop; Caldwell, James H.; Johnson, John C.: esophageal intramural pseudodiverticulosis (ab), **126:** 551, 1978
Front, Dov. See Iancu, Theodore C.
Fry, F. J.
—; Erdmann, W. A.; Johnson, L. K.; Baird, A. I.: ultrasonic toxicity study (ab), **129:** 285, 1978
Fryback, Dennis G. See Thornbury, John R.
—; Thornbury, John R.: informal use of decision theory to improve radiological patient management, **129:** 385, 1978
Fu, Karen K.
—; Leibel, Steven A.; Levine, Michael L.; Friedlander, Lawrence M.; Boles, Roger; Phillips, Theodore L.: carcinoma of the major and minor salivary glands: analysis of treatment results and sites and causes of failures (ab), **127:** 576, 1978
—; Eisenberg, Lee; Dedo, Herbert H.; Phillips, Theodore L.: results of integrated management of supraglottic carcinoma (ab), **127:** 575, 1978
Fuchs, George. See Falk, Abraham
Fuelleman, Robert W. See Juler, George L.
Fuhr, U. See Willich, E.
Fujioka, Mutsuhisa
—; Young, Lionel W.: sphenoidal sinuses: radiographic patterns of normal development and abnormal findings in infants and children, **129:** 133, 1978
Fujita, Toru. See Kawamura, Juichi
Fukui, Masashi. See Numaguchi, Yuji
—; Tanaka, Akira; Kitamura, Katsutohi; Okadera, Toshio: lipoma of the cerebellopontine angle (ab), **126:** 547, 1978
Fukuuchi, Yasuo. See Takeoka, Tsuneyuki
Fulkerson, Phillip K. See Kolibash, Albert J.
Fuller, Th. J. See Kaude, J. V.
Fuller, Thomas R. See Thawley, Stanley E.
Fullerton, Gary D. See Wochos, John F.
—; Sewchand, Wilfred; Payne, J. Thomas; Levitt, Seymour H.: CT determination of parameters for inhomogeneity corrections in radiation therapy of the esophagus, **126:** 167, 1978
Fulton, Richard E. See Davis, George D.; Spangler, John G.
Funamoto, Yasunobu. See Itoh, Harumi
Funch, Robert B. See Pavlov, Helene
Funkenstein, H. H. See Mohr, J. P.
Funovics, J. See Deimer, E.
Funston, M. R. See Cremin, B. J.
Furman, Robert S. See Giustra, Peter E.
Furukawa, Keizo. See Asayama, Jun
Furuse, Makoto
—; Obayashi, Taminori; Tsuji, Shoji; Miyatake, Tadashi: adrenoleukodystrophy: correlative analysis of computed tomography and radionuclide studies, **126:** 707, 1978
Furuta, Mutsuhiro. See Itoh, Harumi
Fye, Kenneth H. See Schumacher, Timothy M.

G

Gabrilove, J. Lester. See Yeh, Hsu-Chong
Gacek, Richard R.
—; Goodman, Max: management of malignancy of the temporal bone (ab), **128:** 560, 1978
Gadeberg, C. See Andersen, A. P.
Gado, Mokhtar. See Co, Ben T.; Thawley, Stanley E.
Gado, Mokhtar H. See Grubb, Jr., Robert L.
Gadoth, N. See Zimmerman, A. W.
Gaensler, Edward A. See Carrington, Charles B.
Gaffney, Francis A.
—; Wohl, Armand J.; Blomqvist, C. Gunnar; Parkey, Robert W.; Willerson, James T.: thallium-201 myocardial perfusion studies in patients with the mitral valve prolapse syndrome (ab), **127:** 860, 1978
Gagliardi, Franco M. See Guidetti, Beniamino
Gagne, George M. See Wistow, Brian W.
Gagnon, William F.
—; Peterson, Mary D.: comparison of skin doses to large fields using tangential beams from cobalt-60 gamma rays and 4-MV x-rays, **127:** 785, 1978
Gahr, Hannelore. See Buell, Udalrich
Galambos, John T. See Goldman, Martin L.
Galante, Maurice. See Fraser, Robert W.
Galdabini, James. See Baum, Stanley
Galkin, Benjamin M.
—; Wu, Raymond K.; Suntharalingam, Nagalingam: improved technique for obtaining teletherapy portal radiographs with high-energy photons, **127:** 828, 1978
Gallager, H. Stephen. See Landgren, Robert D.
Gallagher, Joe H. See Chang, C. H. Joseph
Gallant, Thomas E.
—; Hunziker, Robert J.; Gibson, Thomas C.: primary chylopericardium: role of lymphangiography, (AJR), **129:** 1043, 1977
Galli, G. See Belloni, G.
Gallo, Jr., Anthony E.
—; Smith, James D.: intracranial and extracranial neurogenic hamartoma (ab), **126:** 547, 1978
Gallo, Eduardo. See Zimmerman, Robert A.
Galloway, Dan C. See Raeside, David E.
Gamma, Christovao
—; Meira, Joao B. B.: occupational acro-osteolysis (ab), **128:** 855, 1978
Gamsu, Gordon. See Webb, W. Richard
—; Webb, W. Richard: pulmonary hemorrhage in systemic lupus erythematosus (ab), **129:** 561, 1978
Ganchan, Richard P. See Prescott, Stephen M.
Ganz, William. See Bassan, Mayer
Garancis, John C. See Cohen, Steven H.
Garat, P. See Meyer, L.-N.
Garbutt, John T. See Kelvin, Frederick M.
Garcia, A. See Yeh, Samuel D. J.
Garcia, Antonio C.
—; Yeh, S. D. J.; Benua, R. S.: accumulation of bone-seeking radionuclides in liver metastasis from colon carcinoma (ab), **127:** 575, 1978
Garcia, Efrain. See Krajcer, Zvonimir
Garcia, Jean. See Zwahlen, Andre
Garcia, Rosalba. See Cordoba, Alfonso
Garcia del Castillo, H. See Candell-Riera, J.
Garcia-Moran, M. See Pueyo, I.
Garcia-Muniz, J. L. See Pueyo, I.
Gardin, Julius M. See Henry, Walter L.
Gardner, W. James
—; Bell, Herbert S.; Poolos, Pete N.; Dohn, Donald F.; Steinberg, Marta: terminal ventriculostomy for syringomyelia (ab), **126:** 837, 1978
Garetto, Lawrence. See Feingold, Mitchell L.
Gargano, Fredie P. See Post, M. Judith Donovan
Garland, G. See Matthews, W. B.
Garmatis, Constantine J.
—; Chu, Florence C. H.: effectiveness of radiation therapy in the treatment of bone metastases from breast cancer, **126:** 235, 1978
Garn, Stanley M. See Poznanski, Andrew K.
Garris, Joel B. See Kanter, Stephen A.
Garrow, D. G. See Cooperberg, P.
Garsten, Joel J. See Chang, Stanley F.
Garza, Raul. See Perez, Carlos A.
Gasser, J. C. See Yasargil, M. G.
Gastaut, Jean-Albert
—; Gastaut, Jean-Louis; Carcassonne, Yves: computerized axial tomography in the study of intracranial complications in hematology (ab), **128:** 561, 1978
Gastaut, Jean-Louis. See Gastaut, Jean-Albert
Gates, Gary F. See Lewis, Alan B.; Miller, John H.; Stanley, Philip
assessment of radionuclide angiocardiograms using color/time images, **129:** 483, 1978
—; Stanley, Philip; Gwinn, John L.; Miller, John H.: congenital syphilitic hepatitis: radionuclide study, **128:** 163, 1978
—; Fishman, Lawrence S.; Segall, Hervey D.: scintigraphic detection of congenital intracranial vascular malformations (ab), **128:** 574, 1978
Gatti, Edward W.
microsphere angiography of the liver (ab), **128:** 862, 1978
Gaughran, George. See Tetalman, Marc R.
Gautier, M. See Odievre, M.
Gawler, Jeffrey. See Lee, Benjamin C. P.
Gay, Jr., Brit B.
radiologic evaluation of the nontraumatized child with respiratory distress, (RCNA), **16:** 91, 1978
Gay, Jr., William A. See Sniderman, Kenneth W.
Geboes, K. See Forget, P.
Gee, William. See Bryan, R. Nick
Geehr, Robert B.
—; Allen, III, William E.; Rothman, Stephen L. G.; Spencer, Dennis D.: pluridirectional tomography in the evaluation of pituitary tumors, (AJR), **130:** 105, 1978
Gehweiler, John A. See Miller, Michael D.
Geisse, Guillermo G. See Levitt, Robert G.
Gelfand, David W. See Ott, David J.
easy method for passing an intestinal intubation tube under fluoroscopic guidance, **129:** 532, 1978
high density, low viscosity barium for fine mucosal detail on double-contrast upper gastrointestinal examinations, (AJR), **130:** 831, 1978
—; Ott, David J.; Klein, Alan: massive iopanoic acid (Telepaque) overdose without ill effects, (AJR), **130:** 1174, 1978
Gelfand, Michael J. See Thomas, Stephen R.
Gelman, Martin I.
—; Umber, James S.: fractures of the thoracolumbar spine in ankylosing spondylitis, (AJR), **130:** 485, 1978
—; Coleman, R. Edward; Stevens, Peter M.; Davey, Bruce W.: radiography, radionuclide imaging, and arthrography in the evaluation of total hip and knee replacement, **128:** 677, 1978
Genant, Harry K. See Goldberg, Ronald P.; Rennell, Charles; Schumacher, Timothy M.; Wilson, John S.
Gengler, L. See Lamarque, J. L.
Gennarelli, Thomas. See Zimmerman, Robert A.
Gent, M. See Levy, D.
Genton, Edward. See Steele, Peter
George, Ajax E. See Kumar, Ashok J.
George, III, Frederick W. See Syed, A. M. Nisar
George, Wendy. See Sahn, David J.
Georgi, M.
—; Cordes, U.; Gunther, R.; Philipp, T.; Lenner, V.: phlebographic diagnosis of pheochromocytoma (ab), **129:** 857, 1978
Georgi, Max. See Marberger, Michael
Geraci, Joseph P.
—; Thrower, Pamella D.; Mariano, Marnela: cyclotron fast neutron RBE for late kidney damage, **126:** 519, 1978
Gerald, Barry. See Roberts, Larry K.
Gerber, Frederic H.
—; Goodreau, James J.; Kirchner, Peter T.; Fouty, William J.: efficacy of preoperative and postoperative bone scanning in the management of breast carcinoma (ab), **126:** 558, 1978

Gerdes, Arthur J. See Montgomery, Alan B.; Simko, Thomas G.
Gerlock, Jr., A. James. See Jhaveri, Harish S.
—; Goncharenko, Victor; Sloan, Oplis M.: right posterior oblique: projection of choice in aortography of hypertensive patients, **127:** 45, 1978
Gerlock, Jr., Amil James
—; Mathis, John; Goncharenko, Victor; Maravilla, Ann: angiography of intimal and intramural arterial injuries, **129:** 357, 1978
Gerlock, Jr., James. See Ekelund, Leif
Gerrard, John W. See Houston, C. Stuart
Gershuni, David H.
—; Axer, Anatol; Hendel, David: arthrographic findings in Legg-Calve-Perthes disease and transient synovitis of the hip (ab), **129:** 568, 1978
Gerzof, Stephen G. See Robbins, Alan H.
Geschwind, H.
—; Nitenberg, A.; Carlet, J.: cineangiographic study of mitral insufficiency in asymmetric hypertrophic cardiomyopathies (ab), **126:** 277, 1978
Ghaed, Nasser. See Morishima, Michael S.
—; Marsden, Richard J.: accumulation of ^{99m}Tc-diphosphonate in hepatic neoplasm, **126:** 192, 1978
Ghahremani, Gary G. See Meyers, Morton A.
—; Meyers, Morton A.; Farman, Jack; Port, Ronald B.: ischemic disease of the small bowel and colon associated with oral contraceptives (ab), **127:** 566, 1978
Ghelman, Bernard. See Dussault, Robert G.; Goldman, Amy Beth
—; Doherty, John H.: demonstration of spondylolysis by arthrography of the apophyseal joint, (AJR), **130:** 986, 1978
Ghorashi, Bijan
—; Gottesfeld, Kenneth R.: gray scale appearance of the normal pregnancy from 4 to 6 weeks of gestation (ab), **126:** 843, 1978
—; Rector, William R.: gray scale sonographic anatomy of the pancreas (ab), **126:** 844, 1978
Ghose, Tarun. See Belitsky, Philip
Ghossein, N. A. See Turner, S. S.
Giacola, George P. See Vaughan, Russell S.
Giannini, R. See Schajowicz, F.
Gianturco, Cesare. See Anderson, James H.
Gibbons, Robert P.
—; Bush, Jr., William H.; Burnett, Leland L.: needle tract seeding following aspiration of renal cell carcinoma (ab), **127:** 283, 1978
Gibson, Derek G. See St. John Sutton, Martin G.
Gibson, Thomas C. See Gallant, Thomas E.
Giddens, Don P. See Mabon, Robert F.
Giesecke, Susan B.
—; Dalinka, Murray K.; Kyle, G. Clayton: Lisfranc's fracture-dislocation: manifestation of peripheral neuropathy, (AJR), **131:** 139, 1978
Gilbert, Charles A.
—; Nutter, Donald O.; Felner, Joel M.; Perkins, John V.; Heymsfield, Steven B.; Schlant, Robert C.: echocardiographic study of cardiac dimensions and function in the endurance-trained athlete (ab), **126:** 842, 1978
Gilbert, Harvey A.
—; Kagan, A. Robert; Nussbaum, Herman; Rao, Aroor R.; Satzman, Joel; Chan, Paul; Allen, Brent; Forsythe, Alan: evaluation of radiation therapy for bone metastases: pain relief and quality of life, (AJR), **129:** 1095, 1977
Gilday, David L. See Howman-Giles, Robert; Wenger, Dennis R.
Giles, Richard D. See Suratt, Paul M.
Gill, Frances M. See Kinney, Thomas R.
Gill, Jr., John R. See Schaner, Everett G.
Gill, Sukjhit S. See Kramer, Neil E.
Gillen, Michael T. See Thrall, James H.
Gillenwater, Jay Y. See Tegtmeyer, Charles J.
Gilles, F. See Strand, R.
Gilliam, William. See Goldman, Martin L.
Gillies, John D.
—; Reed, Martin H.; Simons, F. Estelle R.: radiologic findings in acute childhood asthma (ab), **129:** 561, 1978
Gillin, Michael T. See Thrall, James H.
Gilman, Sid. See Hilal, Sadek K.
Gilner, Leon I.
—; Quencer, Robert M.; Daroff, Robert B.: computed tomography in a transient brain stem disorder, (AJR), **130:** 357, 1978
Gilsanz, Vicente. See Cleveland, Robert H.
—; Harris, G. B. C.: histiocytic medullary reticulosis in childhood, **126:** 463, 1978
Gilsanz, Vincente. See Boechat, Maria Ines
Gilula, Louis A. See Anderson, Charles B.
—; Weeks, Paul M.: post-traumatic ligamentous instabilities of the wrist, **129:** 641, 1978
Gimbel, Kenneth S.
left ventricular posterior wall motion in patients with the Wolff-Parkinson-White syndrome (ab), **128:** 572, 1978
Ginde, Jayant V. See Mantravadi, Rao
Ginsberg, Nathan J. See Stables, Derek P.
Girdany, Bertram R. See Ledesma-Medina, Jocyline; Oh, Kook Sang
practical approaches to pediatric radiology (bk rev), **126:** 742, 1978
Girdwood, T. G. See Salter, R. H.
Girod, Donald A. See Weyman, Arthur E.
Girton, Mary. See Alderson, P. O.; Doppman, John L.
Gisvold, John J. See McLeod, Richard A.
Giulian, Bertrand B.
—; Alvear, Domingo T.: prenatal ultrasonographic diagnosis of fetal gastroschisis, **129:** 473, 1978
Giuliani, Emilio R. See St. John Sutton, Martin G.; Sutton, Martin G. St. John
Giuliani, L. See Carmignani, G.
Giustra, Peter E.
—; Wickenden, John W.; Furman, Robert S.; Wickenden, Roger W.; Killoran, Paul J.: multiple contrast injections in epidural venography, (AJR), **131:** 485, 1978
—; Root, John A.; Killoran, Paul J.: percutaneous selective visceral catheterization through aortofemoral dacron prosthesis, **126:** 261, 1978
—; Root, John A.; Mason, Sabry E.; Killoran, Paul J.: popliteal vein thrombosis secondary to popliteal artery aneurysm, (AJR), **130:** 25, 1978
Glanz, Sidney
—; Ravin, Carl E.; Deren, M. M.: benign pneumoperitoneum following median sternotomy incision, (AJR), **131:** 267, 1978
Glanzmann, Ch. See Lutolf, U. M.
Glaser, Joel S. See Barricks, Michael E.
Glasgow, J. F. T.
—; Thomas, P. S.: rachitic respiratory distress in small preterm infants (ab), **126:** 549, 1978
Glass, Edwin C.
—; DeNardo, Gerald L.: abnormal peripheral distribution of thallium-201 due to arteriosclerosis, (AJR), **131:** 718, 1978
—; Hansen, Steven K.; Dublin, Arthur B.; Stadalnik, Robert C.: detection of superior mesenteric artery aneurysm by radionuclide angiography: brief case report, **129:** 122, 1978
Glassberg, Gerald B.
—; Ozonoff, M. B.: arthrographic findings in septic arthritis of the hip in infants, **128:** 151, 1978
Glasser, Cary M.
—; Goldman, Stanford M.; Pio Rhoda, Claro L.; Bronstein, Howard D.: preoperative diagnosis of a perforated duodenal diverticulum, (AJR), **130:** 563, 1978
Glasser, Stephen P.
—; Baucum, Jr., Ralph W.: pulmonary valve fluttering in subpulmonic ventricular septal defect (ab), **127:** 571, 1978
Glassman, Ephraim. See Kronzon, Itzhak; Winer, Howard
Glatstein, Eli. See Breiman, Richard S.
Glatstein, Eli J. See Harell, George S.
Gleiser, Chester A. See Raulston, Gilbert L.
Glenn, William L. See Makhija, Mohanlal C.
Glennie, J. McD. See Quayum, M. A.
Glick, Gerald. See D'Cruz, Ivan A.
Glickman, Morton G. See Itzchak, Yacov
Glicksman, Arvin S. See Reinstein, Lawrence E.
Gliedman, Jeffrey B. See Miller, Jr., Franklin J.
Gloor, E. See Roenspies, U.
Gluckman, J. See McIntyre, N. G.
Gobien, Rolf P. See Lin, Shu-Ren
Goddeeris, T. See Dequeker, J.
Godmilow, Lynn. See Brill, Charles B.
Goepfert, H. See Maillard, A. A. J.
Goergen, Thomas. See Chafetz, Neil
Goergen, Thomas G. See Armbuster, Thomas G.; Guerra, Jr., Jose; Resnick, Donald
—; Resnick, Donald; Riley, Richard R.: post-traumatic abnormalities of the pubic bone simulating malignancy, **126:** 85, 1978
—; Danzig, Larry A.; Resnick, Donald; Owen, Charles A.: roentgenographic evaluation of the tibiotalar joint (ab), **127:** 853, 1978
Goetzman, Boyd W. See Merten, David F.
Gohel, Vijay K. See Banner, Marc P.
—; Laufer, Igor: double-contrast examination of the postoperative stomach, **129:** 601, 1978
—; Edell, Steven L.; Laufer, Igor; Rhodes, W. H.: transverse folds in the human esophagus, **128:** 303, 1978
Goitein, Michael
measurement of tissue heterodensity to guide charged particle radiotherapy (ab), **129:** 287, 1978
Gol, Alexander
—; Hellbusch, Leslie C.: surgical relief of progressive upper limb paralysis in Arnold-Chiari malformation (ab), **129:** 568, 1978
Golbey, Robert B. See Wittes, Robert E.
Golbus, Mitchell S.
—; Hall, Bryan D.; Filly, Roy A.; Poskanzer, Lucille B.: prenatal diagnosis of achondrogenesis (ab), **127:** 853, 1978
Gold, Arnold P. See Carmel, Peter W.
Gold, Herman K. See Vignola, Paul A.
Gold, Jerome
—; Rosenfield, Arthur T.; Sostman, Dirk; Burrell, Morton; Taylor, Kenneth J. W.: nonfunctioning islet cell tumors of the pancreas: radiographic and ultrasonographic appearances in two cases, (AJR), **131:** 715, 1978
Gold, Lawrence H. A. See Latchaw, Richard E.
Gold, R. E. See Thomson, J. G.
Gold, Richard H. See Bassett, Lawrence W.
Gold, Richard Palmer
thinner, more flexible enema tip for the primary double-contrast colon examination, **129:** 244, 1978
Goldberg, Barry B. See Pollack, Howard M.; Rubin, Carl
identification of placenta praevia (opin), **128:** 255, 1978
—; Patel, Jagdish: ultrasonic evaluation of portacaval shunts (ab), **127:** 859, 1978
Goldberg, Emanuel. See Berger, Marvin
Goldberg, Henry I. See Kressel, Herbert Y.; Moss, Albert A.; Shanser, Jon D.
—; Filly, Roy A.; Korobkin, Melvyn; Moss, Albert A.; Kressel, Herbert Y.; Callen, Peter W.: capability of CT body scanning and ultrasonography to demonstrate the status of the biliary ductal system in patients with jaundice, **129:** 731, 1978
Goldberg, Ronald P.
—; Carter, Barbara L.: absence of thoracic osteophytosis in the area adjacent to the aorta: computed tomography demonstration (ab), **129:** 560, 1978
—; Genant, Harry K.; Shimshak, Robert; Shames, David: applications and limitations of quantitative sacroiliac joint scintigraphy, **128:** 683, 1978
Goldberg, Sheldon
—; Grossman, William; Markis, John E.; Cohen, Michael V.; Baltaxe, Harold A.; Levin, David C.: total occlusion of the left main coronary artery: clinical, hemodynamic and angiographic profile (ab), **127:** 851, 1978
Goldberg, Stanley J. See Allen, Hugh D.; Sahn, David J.; Wing, Jennifer P.
Golde, David W. See Drew, W. Lawrence
Goldfine, Susan L.
—; Turetz, Frank; Beck, A. Robert; Eiger, Marvin: cerebrospinal fluid intraperitoneal cyst: unusual abdominal mass, (AJR), **130:** 568, 1978
Goldman, Amy Beth. See Dussault, Robert G.; Sauser, Donald D.; Schneider, Robert
—; Schneider, Robert; Martel, William: acute chondrolysis complicating slipped capital femoral epiphysis, (AJR), **130:** 945, 1978
—; Ghelman, Bernard: double-contrast shoulder arthrogram: review of 158 studies, **127:** 655, 1978
—; Lane, Joseph M.; Salvati, Eduardo: slipped capital femoral epiphyses complicating renal osteodystrophy: report of three cases, **126:** 333, 1978
Goldman, Harvey. See Joffe, Norman
Goldman, Martin L.
—; Gorelkin, Leo; Rude, III, Joe C.; Sybers, Robert G.; O'Brien, David P.: epinephrine renal venography in severe inflammatory disease of the kidney, **127:** 93, 1978
—; Sprawls, Perry; Weens, H. Stephen; Gilliam, William: film changer for small animals, **128:** 512, 1978
—; Naib, Zuher M.; Galambos, John T.; Rude, III, Joe C.; Oen, Khee-Tiang; Bradley, III, Edward L.; Salam, Atef; Gonzalez, Antonio C.: preoperative diagnosis of pancreatic carcinoma by percutaneous aspiration biopsy (ab), **127:** 851, 1978
—; Freeny, Patrick C.; Tallman, James M.; Galambos, John T.; Bradley, III, Edward L.; Salam, Atef; Oen, Khee-Tiang; Gordon, Ira J.; Mennemeyer, Ralph: transcatheter vascular occlusion therapy with isobutyl 2-cyanoacrylate (Bucrylate) for control of massive upper-gastrointestinal bleeding, **129:** 41, 1978
—; Gonzalez, Antonio C.; Galambos, John T.; Gordon, Ira J.; Oen, Khee-Tiang: transjugular technique of hepatic venography and biopsy, cholangiography, and obliteration of esophageal varices, **128:** 325, 1978

Goldman, Richard L. See Kushnet, Marvin W.
Goldman, Stanford M. See Glasser, Cary M.
—; Minkin, Sanford D.; Naraval, Dante C.; Diamond, Arthur B.; Pion, Sidney J.; Meringoff, Brian N.; Sidh, Suresh M.; Sanders, Roger C.; Cohen, Stephen P.: renal carbuncle: use of ultrasound in its diagnosis and treatment (ab), **126:** 844, 1978
Goldstein, Albert
—; Computed tomography, instrumentation: simple buoyancy method for measuring computed tomography phantom material densities, **128:** 814, 1978
Goldstein, David H.
—; Nagar, Chander; Srivastava, Narain; Schacht, Richard A.; Ferris, Fred Z.; Flowers, Nancy C.: clinically silent pericardial effusions in patients on long-term hemodialysis: pericardial effusions in hemodialysis (ab), **127:** 563, 1978
Goldstein, Gordon T. See Egan, Robert L.
Goldstein, Harvey M. See Bernardino, Michael E.; deSantos, Luis Alonso; Rogers, Lee F.; Weaver, Jr., Ralph M.; Wooten, Wayne B.
—; Katragadda, Chandra S.: prone view ultrasonography for pancreatic tail neoplasms, (AJR), **131:** 231, 1978
—; Green, Barry; Weaver, Jr., Ralph M.: ultrasonic detection of renal tumor extension into the inferior vena cava, (AJR), **130:** 1083, 1978
Goldstein, L. I. See Sample, W. Frederick
Goldstein, Leonard I.
—; Sample, William F.; Kadell, Barbara M.; Weiner, Marvin: gray-scale ultrasonography and thin-needle cholangiography: evaluation in the jaundiced patient (ab), **126:** 557, 1978
—; Kadell, Barbara M.; Weiner, Marvin: thin needle cholangiography: experience with 50 patients (ab), **127:** 851, 1978
Goldstein, Michael. See Goodman, Robert
Goldstein, Robert A. See Rohatgi, Prashant K.
Goldstein, Robert E. See Maron, Barry J.
Goldstein, Sidney. See Carrilo, Antonio P.; McFarland, Thomas M.
Goldstein, Steven J.
—; Crooks, David J. Mackenzie: colitis in Behcet's syndrome: two new cases, **128:** 321, 1978
Goldstein, Susan A. See Widrich, Warren C.
Goldwin, Richard L. See Heitzman, E. Robert
Golembe, Edward. See Fogler, Richard
Golimbu, Cornelia. See Firooznia, Hossein
Goller, David S. See Merten, David F.
Gollnick, Daniel A.
—; Greenfield, Moses A.: *in vivo* measurement of the total iodine content of the thyroid gland by x-ray fluorescence, **126:** 197, 1978
Golomb, Harvey M. See Bitran, Jacob D.
Gomes, A. S.
—; Grollman, Jr., J. H.; Mink, J.: pulmonary angiography for pulmonary emboli: rational selection of oblique views, (AJR), **129:** 1019, 1977
Gomes, Antoinette S. See D'Souza, Vincent J.; Probst, Peter
Gomes, Antoinette S.
—; Rysavy, Joseph A.; Spadaccini, Cathy A.; Probst, Peter; D'Souza, Vincent; Amplatz, Kurt: use of the bristle brush for transcatheter embolization, **129:** 345, 1978
Gomez, Jose Luis. See Lucaya, Javier
Gomez, M. R.
—; Reese, D. F.: usefulness of computed tomography in pediatric neurology (ab), **127:** 559, 1978
Gomez, Manuel R. See Robertson, Jr., William C.
Gomez-Moeiras, Juan J. See Alderson, Philip O.
Goncharenko, Victor. See Ekelund, Leif; Gerlock, Jr., A. James; Gerlock, Jr., Amil James; Nance, Jr., E. Paul
Gonzales, Jorge. See Graham, David Y.
Gonzalez, Antonio C. See Goldman, Martin L.; Kottle, Sheldon Paul
Good, James T. See Petty, Thomas L.
Goodacre, Robert L. See Lewis, Terence D.
Goodale, Robert. See Feinberg, Samuel B.
Goodgold, Maurice. See Adler, Jonathan
Goodhand, Thomas K. See Boychuk, Rodney B.
Gooding, Charles A. See Brasch, Robert C.
Gooding, Gretchen A. W.
—; Herzog, Karen A.; Hedgcock, Marcus W.; Eisenberg, Ronald L.: B-mode ultrasonography of prosthetic vascular grafts, **127:** 763, 1978
ultrasonic and computed tomographic appearance of splenic lobulations: consideration in the ultrasonic differential of masses adjacent to the left kidney, **126:** 719, 1978
Gooding, Gretchen W. See Kressel, Herbert Y.
Goodman, Alvin. See Adler, Jonathan
Goodman, Julius M.
—; Heck, Larry L.: confirmation of brain death at bedside by isotope angiography (ab), **127:** 573, 1978
Goodman, Kenneth. See Meyers, Morton A.
Goodman, L. R.
—; Shanser, J. D.: pre-Achilles fat pad: aid to early diagnosis of local or systemic disease (ab), **127:** 281, 1978
Goodman, Mark W. See Fox, Stanley H.
Goodman, Max. See Gacek, Richard R.; Weber, A. L.
Goodman, Morton J. See Sayler, Clinton
Goodman, Philip C. See Rohlfing, Barbara M.
Goodman, Robert
—; Mauch, Peter; Piro, Anthony; Rosenthal, David; Goldstein, Michael; Tullis, James; Hellman, Samuel: stages IIB and IIIB Hodgkin's disease: results of combined modality treatment (ab), **126:** 285, 1978
Goodreau, James J. See Gerber, Frederic H.
Goodrich, Jr., William A.
Cleopatra view in xeromammography: semireclining position for the tail of the breast, **128:** 811, 1978
xeromammographic cone edge pressure to shift deep lesions into view: simple modification and technique, **128:** 809, 1978
Goodwin, Donald W. See Co, Ben T.; Phillips, Joseph F.
Goodwin, Paul N.
—; Himelstein, Ephraim: methods for comparing the performance of different gamma cameras, (SNM), **7:** 299, 1977
Goodwin, Jr., Robert A.
—; Des Prez, Roger M.: histoplasmosis (ab), **129:** 562, 1978
Gooneratne, Nihal
—; Conway, James J.: radionuclide angiographic diagnosis of bronchopulmonary sequestration. (ab), **126:** 559, 1978
Gordon, D. H.
—; Martin, E. C.; Kim, Y. H.: deflation of a Sengstaken tube balloon facilitating catheterization of the celiac artery, **129:** 819, 1978
Gordon, David. See Adler, Jonathan
Gordon, David H. See Phillips, Gail N.; Tavormina, Anthony
Gordon, Ira J. See Goldman, Martin L.
evaluation of suspected deep venous thrombosis in the arteriosclerotic patient, (AJR), **131:** 531, 1978
Gordon, Richard. See Ambos, Marjorie A.
Gordonson, J. See Wilkinson, E.
Gordonson, Jay. See Sargent, E. Nicholas
—; Quinn, Michael; Kaufman, Ronald; Van Den Tweel, Jan G.: mediastinal lymphadenopathy and undifferentiated connective tissue disease: case report and review, (AJR), **131:** 325, 1978
Gordonson, Jay S. See Sargent, E. Nicholas
Goree, John A. See Gouliamos, Athanassios D.
Gorelkin, Leo. See Goldman, Martin L.
Goris, Michael L. See Lutrin, Calvin L.
Gorlin, Richard. See Joffe, C. David
Gorlin, Robert J. See Gruhn, John G.
—; Langer, Jr., Leonard O.: Melnick-Needles syndrome: radiographic alterations in the mandible, **128:** 351, 1978
Gorman, Colum A. See Nelson, Roger L.
—; Robertson, James S.: radiation dose in the selection of ^{131}I or surgical treatment for toxic thyroid adenoma (ab), **129:** 862, 1978
Gosink, Barbara B. See Forsythe, John R.; Johnson, Allen D.; Scheible, William
—; Leopold, George R.: dilated pancreatic duct: ultrasonic evaluation, **126:** 475, 1978
inferior vena cava: mass effects, (AJR), **130:** 533, 1978
Gosselin, Arthur J. See Budkin, Alberto
Gothlin, J. See Ekelund, L.
Gotoh, Fumio. See Takeoka, Tsuneyuki
Gottdiener, John S. See Maron, Barry J.
—; Sherber, Harvey S.; Hawley, Rollin J.; Engel, W. King: cardiac manifestations in polymyositis (ab), **129:** 283, 1978
Gottesfeld, Kenneth R. See Ghorashi, Bijan
Gottesfield, Kenneth R. See Wexler, Paul
Gottesman, J. E. See Sample, W. F.
Gottlieb, Stuart. See Barkin, Jamie
Gottschalk, Alexander. See Berger, Harvey J.; Sullivan, Daniel C.
Gottshalk, Alexander. See Makhija, Mohanlal C.
Gould, K. Lance. See Hamilton, Glen W.
Gould, Leo V.
—; Cummings, Charles W.; Rabuzzi, Daniel D.; Reed, George T.; Chung, Chung T.: use of computerized axial tomography of the head and neck region (ab), **128:** 564, 1978
Gould, Robert. See Kido, Daniel K.
Gouliamos, Athanassios D.
—; Jimenez, John P.; Goree, John A.: computed tomography and skull radiography in the diagnosis of calcified brain tumor, (AJR), **130:** 761, 1978
Grabstald, H. See Whitmore, Jr., W. F.
Grace, D. M. See Thomson, J. G.
Grace, M. See Burns, Patricia E.
Graham, C. Benjamin. See Friedman, J. M.
Graham, D. I. See Adams, J. Hume
Graham, David Y.
—; Gonzales, Jorge; Kothari, Shirish M.: diffuse skeletal angiomatosis (ab), **129:** 280, 1978
Graham, Malcolm D. See Sheehy, James L.
Grajo, Galterius. See Oh, Kook Sang
Gramiak, Raymond. See Hess, Paul G.; Nanda, Navin C.; Reeves, William C.
practical echocardiology. ultrasound in medicine series, vol. 1 (bk rev), **126:** 758, 1978
Gramm, Herbert F. See Costello, Philip; Hill, Thomas C.
Granada, Margarito. See Lee, Hee Kyung
Granberry, W. Malcolm. See Edwards, Morven S.
Grand, Richard J. See Treves, Salvador
Granmayeh, Masood. See Twiford, Jr., Thomas W.
—; Jonsson, Kjell; McFarland, Warren; Wallace, Sidney: angiography of abdominal leiomyosarcoma, (AJR), **130:** 725, 1978
Grant, D. B. See Necic, S.
Grant, Edward G.
—; Cigtay, Olcay S.; Mascatello, Vincent J.: irregularity of silastic breast implants mimicking a soft tissue mass, (AJR), **130:** 461, 1978
Grau, Holger. See Becker, Hartmut
Graviss, E. R. See Chu, J.-Y.
Gray, Joel E.
—; Taylor, Kenneth W.; Hobbs, Barry B.: detection accuracy in chest radiography, (AJR), **131:** 247, 1978
Gray, Kenneth N. See Raulston, Gilbert L.
Grebe, Siegfried F. See Siemsen, Jan K.
Green, Barry. See Bernardino, Michael E.; Bree, Robert L.; Conoley, Patrick M.; Goldstein, Harvey M.; Weaver, Jr., Ralph M.; Wooten, Wayne B.
Green, David C. See Quash, Joseph A.
Green, Debbie. See Weyman, Arthur E.
Green, Harry L. See Heller, Richard M.
Green, R. See Wilkinson, E.
Green, W. Richard. See Fogle, Jerry A.
Green, William M. See Spiegel, Richard M.
Greenbaum, Leonard D. See Lawson, Thomas L.
Greenberg, Harry S.
—; Halverson, Dea; Lane, Barton: CT scanning and diagnosis of adrenoleukodystrophy (ab), **128:** 270, 1978
Greenberg, Jack O. See Adam, Rasheed
Greenberg, Maurice. See Byhardt, Roger W.; Cox, James D.
Greene, David. See Broerse, Johan J.
Greene, Reginald. See Davis, James M.; McLoud, Theresa C.
mediastinum: radiologic correlations with anatomy and pathology (bk rev), **128:** 294, 1978
—; McLoud, Theresa C.; Stark, Paul: pneumothorax, (SR), **12:** 313, 1977
"saber-sheath" trachea: relation to chronic obstructive pulmonary disease, (AJR), **130:** 441, 1978
—; Stark, Paul: trauma of the larynx and trachea, (RCNA), **16:** 309, 1978
Greene, Reginald E. See Harbin, William P.; Miller, Stephen W.
Greene, Reginald F.
diagnostic approach to chest diseases: differential diagnoses based on roentgenographic patterns. 2nd ed. (bk rev), **126:** 358, 1978
Greenes, Robert A.
—; Bauman, Roger A.; Robboy, Stanley J.; Wieder, James F.; Mercier, Bettie A.; Altshuler, Barry S.: immediate pathologic confirmation of radiologic interpretations by computer feedback, **127:** 381, 1978
Greenfield, Alan J. See Kadir, Saadoon; Novelline, Robert A.
—; Athanasoulis, Christos A.; Waltman, Arthur C.; LeMoure, Edward R.: transcatheter embolization: prevention of embolic reflux using balloon catheters, (AJR), **131:** 651, 1978
Greenfield, George B. See Bhate, Dharmashi V.
Greenfield, Moses A. See Gollnick, Daniel A.
Greenhouse, Samuel W. See Lawson, Thomas L.
Greenspan, Adam
—; Norman, Alex: gross hematuria: complication of intrapelvic cement intrusion in total hip replacement, (AJR), **130:** 327, 1978

Greenspan, Richard H. See Ravin, Carl E.; Simeone, Joseph F.
Greenstein, Robert. See Newberg, Arthur H.
Greenway, Guerdon. See Resnick, Donald
Greig, William R. See Fogelman, Ignac
Grey, Neil. See Salerno, Nicholas
Griffin, Thomas. See Montgomery, Alan B.
Griffin, Thomas W. See Simko, Thomas G.
Griffiths, Glaslyn J.
—; Whitehouse, Graham H.: radiological features of vascular compression of the duodenum occurring as a complication of the treatment of scoliosis (cast syndrome) (ab), **129:** 566, 1978
Griffiths, Harry J.
radiology of skeletal disorders. 2nd ed. (bk rev), **126:** 324, 1978
Grillo, Hermes C. See Weber, A. L.
Griscom, N. Thorne. See Wohl, Mary Ellen B.
—; Hargreaves, Hilary K.; Schwartz, Marshall Z.; Reddish, Joseph M.; Colodny, Arnold H.: huge splenic cyst in a newborn: comparison with 10 cases in later childhood and adolescence, (AJR), **129:** 889, 1977
pediatric oncologic radiology (bk rev), **126:** 462, 1978
Grollman, Jr., J. H. See Gomes, A. S.
Grollman, Jr., Julius H. See Chang, Luke W. M.
Gronvall, John
—; Gronvall, Sven; Hegedus, Viktor: ultrasound-guided drainage of fluid-containing masses using angiographic catheterization techniques, (AJR), **129:** 997, 1977
Gronvall, Sven. See Gronvall, John
Grosfeld, Jay L. See Ballantine, Thomas V. N.
Gross, Cordell E. See Kieffer, Stephen A.
Gross, Gary S. See White, Jr. Robert I.
Gross, Richard. See Holt, R. Gary
Gross, Steven J.
—; Nieburg, Phillip L.: Ludwig angina in childhood (ab), **126:** 274, 1978
Gross, W. L. See Lehmann, H.
Gross, William S. See Silver, Terry M.
Grossart, K. W. See Shaw, M. D. M.
Grossman, Michael. See Vanesian, Richard
Grossman, Robert. See Handel, Stanley
Grossman, William. See Goldberg, Sheldon
Grossman, Zachary D. See Wistow, Brian W.
Groves, Bertron M. See Eubig, Casimir
Grubb, Jr., Robert L.
—; Raichle, Marcus E.; Gado, Mokhtar H.; Eichling, John O.; Hughes, Charles P.: cerebral blood flow, oxygen utilization, and blood volume in dementia (ab), **128:** 270, 1978
Grufferman, Seymour. See Hainline, Sarah
Gruhn, John G.
—; Gorlin, Robert J.; Langer, Leonard O.: dyssegmental dwarfism: lethal anisospondylic camptomicromelic dwarfism (ab), **128:** 855, 1978
Grumbach, Melvin M. See Wara, William M.
Grumme, T. See Bradac, G. B.; Steinhoff, H.; Wende, S.
Grunder, Hermann A.
—; Leemann, Christoph W.: present and future sources of protons and heavy ions (ab), **129:** 287, 1978
Grusd, Ronald
gamut: pseudofractures and stress fractures, (SR), **13:** 81, 1978
Gruwez, J. See Baert, A. L.
Guadiani, Vincent A. See Alderson, Philip O.
Guardiola, Juan. See Ramirez, Jairo
Guenther, Rolf. See Marberger, Michael
Guerra, Jr., Jose. See Armbuster, Thomas G.; Resnick, Donald
—; Armbuster, Thomas G.; Resnick, Donald; Goergen, Thomas G.; Feingold, Mitchell L.; Niwayama, Gen; Danzig, Larry A.: adult hip: anatomic study. part II: soft-tissue landmarks, **128:** 11, 1978
Guest, James A.
—; Malangoni, Mark A.; Holden, Robert W.; Yaw, Peter B.: peripheral arterial embolism of multiple pellets after shotgun injury to an extremity, (AJR), **129:** 933, 1977
Guice, Karen S.
—; Kosloske, Ann M.: recurrent pseudocyst from a ventriculoperitoneal shunt: unusual abdominal mass (ab), **128:** 571, 1978
Guidetti, Beniamino
—; Gagliardi, Franco M.: epidermoid and dermoid cysts: clinical evaluation and late surgical results (ab), **127:** 848, 1978
Guillamondegui, Oscar M. See Lindell, Jr., Marvin M.
Guire, Kenneth E. See Poznanski, Andrew K.
Guiterman, Herman. See Norris, Stephen
Gunther, R. See Georgi, M.
—; Alken, P.; Altwein, J. E.: percutaneous nephropyelostomy—possibilities of application and results (ab), **129:** 856, 1978
Gupta, Indu M. See Ohaegbulam, Samuel C.
Gustafson, David E.
—; Berggren, Michael J.; Singh, Manbir; Dewanjee, Mrinal K.: computed transaxial imaging using single gamma emitters, **129:** 187, 1978
Gutgesell, Howard P. See Duff, Desmond F.
echocardiographic estimation of pulmonary artery pressure in transposition of the great arteries (ab), **129:** 283, 1978
—; Paquet, Marc; Duff, Desmond F.; McNamara, Dan G.; Kaufman, Linda: evaluation of left ventricular size and function by echocardiography: results in normal children (ab), **126:** 841, 1978
Guthaner, Diana F. See Broderick, Thomas W.; Walter, Joseph F.
Gutierrez, O. H.
—; Rosch, J.: limitations of angiographic differential diagnosis in major hepatic processes (ab), **126:** 551, 1978
Gutkowski, Robert. See Dworkin, Howard J.
Gutkowski, Robert F. See Dworkin, Howard J.
Gutowski, Diana. See Hernandez, Ramiro
Gutter, Z. See Burns, Patricia E.
Guzowski, Jacobo
—; Paparella, Michael M.; Rao, Kommareddi Nageswara; Hoshino, Tomoyuki: meningiomas of the temporal bone (ab), **126:** 273, 1978
Guzzetta, Louis R. See Stephenson, Thomas F.
Gwinn, John L. See Gates, Gary F.
change and cooperation (edit), **128:** 253, 1978
Gyepes, M. T. See Cipel, L.; Cochran, S. T.
Gyepes, Michael T. See Stanley, Philip
Gyldensted, C.
—; Karle, A.: computed tomography of intra- and juxtasellar lesions: radiological study of 108 cases (ab), **128:** 270, 1978
—; Lester, J.; Fledelius, H.: computed tomography of orbital lesions: radiological study of 144 cases (ab), **127:** 559, 1978
Gynning, I. See Mattsson, W.
Gyr, N. See Faust, H.

H

Haag, Thomas. See Butt, James
Haaga, John R. See Havrilla, Thomas R.
—; Alfidi, Ralph J.: computed tomographic scanning of the pancreas, (RCNA), **15:** 367, 1977
—; Reich, Norbert E.; Havrilla, Thomas R.; Alfidi, Ralph J.; Meaney, Thomas F.: computed tomography-guided biopsy. I. overview (ab), **128:** 859, 1978
—; Baldwin, G. Nicholas; Reich, Norbert E.; Beven, Edwin; Kramer, Albrecht; Weinstein, Allan; Havrilla, Thomas R.; Seidelmann, Frank E.; Namba, Al H.; Parrish, Charles M.: CT detection of infected synthetic grafts: preliminary report of a new sign, (AJR), **131:** 317, 1978
—; Reich, Norbert E.; Havrilla, Thomas R.; Alfidi, Ralph J.: interventional CT scanning, (RCNA), **15:** 449, 1977
Haas, Joel E. See Haberkern, Charles M.
Haas, Richard E. See Mantravadi, Rao
Habal, Mutaz B. See Maniscalco, Jack E.
Haber, Kai. See Hunter, Tim B.
Haberkern, Charles M.
—; Christie, Dennis L.; Haas, Joel E.: eosinophilic gastroenteritis presenting as ileocolitis (ab), **129:** 277, 1978
Habighorst, L. V.
—; Kreutz, W.; Eilers, H.; Sparwasser, H. H.; Klug, B.: catheter embolization of renal artery—alternative to preoperative radiotherapy of kidney tumors? (ab), **128:** 287, 1978
Hackeng, W. H. L. See Lips, C. J. M.
Hacker, Hans. See Becker, Hartmut
Hadden, R. C. M.
—; Haybittle, J. L.; Howard, N.; Lansley, I. F.; Lindup, R.; Phillips, D. L.; Skeggs, D.: sixth interim progress report of the British Institute of Radiology fractionation study of 3F-week versus 5F-week in radiotherapy of the laryngo-pharynx (ab), **129:** 286, 1978
Haddy, Theresa B.
—; Bailie, Michael D.; Bernstein, Jay; Kaufman, Donald B.; Rous, Stephen N.: bilateral, diffuse nephroblastomatosis: report of a case managed with chemotherapy (ab), **126:** 838, 1978
Haertel, M.
—; Kreel, L.: normal pancreas as seen on the computerized tomogram (ab), **129:** 277, 1978
Hafstrom, Larsolof. See Forsberg, Lillemor
Hagaman, Francis V. See Dixit, Jagannath K.
Hagan, A. D. See Ehrich, Dennis A.
Hagan, Arthur D. See Hirschklau, Michael J.
Hagan, Condon T. See Lin, Tung K.
Hagler, Donald J. See Sutton, Martin G. St. John
Hahn, E. W. See Alfieri, A. A.
Hahn, Eric W. See Kim, Jae Ho
Hahn, P.
—; Hallberg, O.; Vikterlof, K.-J.: acute skin reactions in postoperative breast cancer patients receiving radiotherapy plus adjuvant chemotherapy, (AJR), **130:** 137, 1978
Hainline, Sarah
—; Myers, Lawrence; McLelland, Robert; Newell, Josephine; Grufferman, Seymour; Shingleton, William: mammographic patterns and risk of breast cancer, (AJR), **130:** 1157, 1978
Hakansson, C. H. See Baldetorp, L.
Hale, John
—; Bloch, Peter: step-wedge sensitometry, **128:** 820, 1978
Hall, Bryan D. See Golbus, Mitchell S.
Hall, Deborah A. See Kirkpatrick, Robert H.
Hall, Eric J. See Harisiadis, Leon
Hall, Ferris M.
buckled meniscus, **126:** 89, 1978
fabella sign and radiologic assessment of knee joint effusion (L), **129:** 541, 1978
periosteal osteosarcoma (L), **129:** 835, 1978
—; Berenberg, Arnold L.: selective use of the oblique projection in mammography, (AJR), **131:** 465, 1978
Hall, McClure H. See Krook, Peter M.
Hall, Richard C. W. See Popkin, Michael K.
Hall, Robert C. See Wistow, Brian W.
Hall, Ronald R.
—; Baum, Robert S.; Bryson, A. Laird; Winterscheid, Loren C.; Blackmon, John R.: obstructive hypertrophic cardiomyopathy and apical middiastolic murmur (ab), **129:** 284, 1978
Hallberg, O. See Hahn, P.
Haller, J. O. See Kassner, E. G.
Haller, Jack O. See Phillips, Gail N.
—; Berdon, Walter E.; Baker, David H.; Kassner, E. George: left adrenal neuroblastoma with normal-appearing urogram, (AJR), **129:** 1051, 1977
—; Schneider, Morton; Kassner, E. George; Slovis, Thomas L.; Perl, Louis J.: sonographic evaluation of mesenteric and omental masses in children, (AJR), **130:** 269, 1978
Hallet, Kathleen Kagan. See Reed, James C.
Halliwell, M. See Watt, I.
Halls, James M.
—; Meyers, Harvey I.: acute appendicitis with abscess simulating carcinoma of the sigmoid, (AJR), **129:** 1057, 1977
Halpin, Thomas C. See Byrne, William J.
Halpin, William W.
nuclear medicine technology review (bk rev), **127:** 726, 1978
Halverson, Dea. See Greenberg, Harry S.
Hamilton, Glen W. See Hegge, Frederick N.
—; Narahara, Kenneth A.; Yee, Henry; Ritchie, James L.; Williams, David L.; Gould, K. Lance: myocardial imaging with thallium-201: effect of cardiac drugs on myocardial images and absolute tissue distribution (ab), **128:** 285, 1978
Hamilton, John D. See Collins, Stephen M.
Hamm, Robert. See Russell, Edward
Hammer, William J. See Humphries, Jr., William C.
Hammerman, Albert M.
—; Shatz, Burton A.; Susman, Noah: radiographic characteristics of colonic "mucosal bridges": sequelae of inflammatory bowel disease, **127:** 611, 1978
Hammerschmidt, Dale E. See Castaneda-Zuniga, W. R.
Hammond, Charles B. See Libshitz, Herman I.
Hammond, David B. See Barnes, Walter H.
Hammond, Neel
—; Jones, Stephen E.; Salmon, Sydney E.; Patton, Dennis; Woolfenden, James: predictive value of bone scans in an adjuvant breast cancer program (ab), **128:** 575, 1978
Hamolsky, Milton W. See Irwin, Richard S.
Hamway, Sammy. See Lang, Erich K.
Hanafee, William N. See Mancuso, Anthony A.; Matsubara, Rodney
—; Dayton, Jr., Glenn O.: dilatation of the nasolacrimal duct under radiographic control, **127:** 813, 1978
Handa, H. See Handa, J.; Mori, K.
Handa, Hajime. See Mori, Koreaki; Yamashita, Junkoh
Handa, J.
—; Matsuda, I.; Handa, H.; Nakano, Y.; Komuro, H.; Nakajima, K.: extravascular iodine in contrast enhancement with computed tomography (ab), **129:** 851, 1978

Handel, Carolyn H. See Handel, Stanley F.
Handel, Stanley
—; Grossman, Robert; Sarwar, Mohammed: computed tomography in the diagnosis of spinal cord astrocytoma (ab), **129:** 281, 1978
Handel, Stanley F.
—; Perpetuo, Francisco O. L.; Handel, Carolyn H.: subdural hematomas due to ruptured cerebral aneurysms: angiographic diagnosis and potential pitfall for CT, (AJR), **130:** 507, 1978
Handler, S. J. See Winston, M. A.
Hangartner, Th. See Ruegesegger, P.
Hansen, C. C. See O'Reilly, R. J.
Hansen, Gail C.
—; Hoffman, Richard B.; Sample, W. Frederick; Becker, Ronald: computed tomography diagnosis of renal angiomyolipoma, **128:** 789, 1978
Hansen, P. E. See Nehen, A. M.
Hansen, Steven K. See Glass, Edwin C.
Hanson, James W. See Friedman, J. M.
—; Sayers, Martin P.; Knopp, Lawrence M.; Macdonald, Constance; Smith, David W.: subtotal neonatal calvariectomy for severe craniosynostosis (ab), **127:** 276, 1978
Hanson, Virgil. See Lehman, Thomas J. A.
Hansson, Goran. See Tisell, Lars-Eric
Hantman, Ronald P. See Kieffer, Stephen A.
Hara, Teruhiko. See Ohkubo, Hideki
Harada, Junta. See Tada, Shimpei
Harada, Kuzuya
—; Igari, Dairoku; Tanahashi, Yoshikatsu; Watanabe, Hiroki; Saitoh, Masahito; Mishina, Teruo: staging of bladder tumors by means of transrectal ultrasonography (ab), **128:** 284, 1978
Harbin, William P.
—; Mark, Gene J.; Greene, Reginald E.: benign clear-cell tumor ("sugar" tumor) of the lung: case report and review of the literature, **129:** 595, 1978
Hardoff, Ruth. See Iancu, Theodore C.
Harell, George S. See Breiman, Richard S.; Zboralske, F. Frank
—; Breiman, Richard S.; Glatstein, Eli J.; Marshall, Jr., William H.; Castellino, Ronald A.: computed tomography of the abdomen in the malignant lymphomas, (RCNA), **15:** 391, 1977
Hargreaves, Hilary. See Seltzer, Steven E.
Hargreaves, Hilary K. See Griscom, N. Thorne
Harisiadis, Leon. See Sung, Duk Il
—; Sung, Duk Il; Kessaris, Nikitas; Hall, Eric J.: hyperthermia and low dose-rate irradiation, **129:** 195, 1978
—; Kopelson, Gene; Chang, Chu H.: lymphopenia caused by cranial irradiation in children receiving craniospinal radiotherapy (ab), **126:** 846, 1978
Harkonen, Scott
—; Kjellstrand, Carl M.: exacerbation of diabetic renal failure following intravenous pyelography (ab), **128:** 279, 1978
Harlaftis, Nicholaos. See Symbas, Panagiotis N.
Harle, Thomas S. See Thaggard, III, Alvin
Harley, William D.
—; Kirkpatrick, Robert H.; Ferrucci, Jr., Joseph T.: gas in the bile ducts (pneumobilia) in emphysematous cholecystitis, (AJR), **131:** 661, 1978
Harms, D. See Vietor, K. W.
Harned, Roger K. See Anderson, Joseph C.
—; LeVeen, Robert F.: preliminary abdominal films in oral cholecystography: are they necessary? (AJR), **130:** 477, 1978
Harrington, Donald P. See Kaufman, Stephen L.; Scott, Jr., William W.
—; Barth, Klemens H.; Baker, Robinson R.; Truax, Bradley T.; Abeloff, Martin D.; White, Jr., Robert I.: therapeutic embolization for hemorrhage from locally recurrent cancer of the breast, **129:** 307, 1978
Harrington, James J. See Davidson, Kenneth H.; Kendrick, Marvin H.
Harris, G. B. C. See Gilsanz, Vicente; Kushner, David C.
Harris, J. O. See Boysen, Philip G.
Harris, Jr., John H.
acute injuries of the spine, (SR), **13:** 53, 1978
Harris, Jr., John M.
—; Tang, Douglas B.; Weltz, Martin D.: diagnostic tests and Hodgkin's disease: standardized approach to their evaluation (ab), **129:** 571, 1978
Harris, Nancy. See Sacks, Barry
Harris, Vivian J. See Lilien, Lawrence D.; Ramilo, Jose
—; Ramilo, Jose: Caffey's disease: case originating in the first metatarsal and review of a 12 year experience, (AJR), **130:** 335, 1978
—; Meeks, Wrophus: frequency of radiolucencies underlying cephalohematomas, **129:** 389, 1978
Harrison, D. F. N.
critical look at the classification of maxillary sinus carcinomata (ab), **129:** 846, 1978
Harrison, Earl C. See Allen, John W.
Harrison, Katharine. See Oster, Zvi H.
Harrison, R. Brent. See Lees, Richard F.
—; Stier, Frederick M.; Cochrane, J. Alan: alkaline encrusting cystitis, (AJR), **130:** 575, 1978
—; Vaughan, Jr., E. Darracott: diffuse cortical calcification in rejected renal transplants, **126:** 635, 1978
Harrist, Terence J.
—; Kalisher, Lester: breast metastasis: unusual manifestation of a malignant carcinoid tumor (ab), **127:** 561, 1978
Harry, G. See Roche, A.
Hart, Patricia A. See Roge, Claude L. L.
Harter, Herschel R. See Anderson, Charles B.
Hartig, Paul R.
—; Koos, Gerald W.; McKinley, C. Richard; Myer, James J.: value of the retrograde urethrogram in the diagnosis of anterior urethral valves (ab), **126:** 281, 1978
Hartman, Glen W. See Hattery, Robert R.
Hartong, William A. See Hosler, James P.
Hartwell, Patricia. See Kelcz, Frederick
Harwell, Edward L.
sialography made easier, **127:** 545, 1978
Harwood, Andrew R. See Holecek, Milan J.
Harwood, Suzanne. See Felner, Joel M.
Harwood-Nash, D. C. See Fitz, C. R.
Harwood-Nash, Derek C. See Byrd, Sharon E.; Fitz, Charles R.
Haskin, Marvin E. See Teplick, J. George
Hassani, Sam N.
—; Bard, Robert L.: real time ophthalmic ultrasonography, **127:** 213, 1978
Hassler, Randy. See Banner, Marc P.
Hasso, A. N. See Kitching, G. B.
Hatcher, Jr., Charles R. See Symbas, Panagiotis N.
Hattery, Robert R. See McLeod, Richard A.; Sheedy, II, Patrick F.; Stephens, David H.; Williamson, Jr., Byrn
—; Williamson, Jr., Byrn; Stephens, David H.; Sheedy, II, Patrick F.; Hartman, Glen W.: computed tomography of renal abnormalities, (RCNA), **15:** 401, 1977
Hattner, Robert S. See Wilson, John S.
Haughie, Glenn E. See Shore, Roy E.
Haughton, Victor. See Kozin, Franklin; Shaffer, Katherine
Haughton, Victor M. See Eldevik, O. Petter; Foley, W. Dennis
—; Ho, Khang-Cheng; Larson, Sanford J.; Unger, George F.; Correa-Paz, Francisco: comparison of arachnoiditis produced by meglumine iocarmate and metrizamide myelography in an animal model, (AJR), **131:** 129, 1978
—; Rosenbaum, Arthur E.; Pearce, Jan: internal carotid artery origins of the inferior cerebellar arteries, (AJR), **130:** 1191, 1978
—; Williams, Alan L.; Cusick, Joseph F.; Meyer, Glenn A.: myelographic technique for cysts in the spinal canal and spinal cord, **129:** 717, 1978
—; Ho, Khang-Cheng; Unger, George F.; Larson, Sanford J.; Williams, Alan L.; Eldevik, Petter: severity of postmyelographic arachnoiditis and concentration of meglumine iocarmate in primates, (AJR), **130:** 313, 1978
Haun, Cosmo L.
retropharyngeal tendinitis, (AJR), **130:** 1137, 1978
Haus, Arthur G.
—; Cowart, Ronald W.; Dodd, Gerald D.; Bencomo, Jose: method of evaluating and minimizing geometric unsharpness for mammographic x-ray units, **128:** 775, 1978
Hauser, Mary F.
—; Alderson, Philip O.: gallium-67 imaging in abdominal disease, (SNM), **8:** 251, 1978
Haveson, Samuel B. See Arndt, Rolf D.
Havrilla, Thomas R. See Haaga, John R.
—; Reich, Norbert E.; Haaga, John R.; Seidelmann, Frank E.; Cooperman, Avram M.; Alfidi, Ralph J.: computed tomography of the gallbladder, (AJR), **130:** 1059, 1978
Havsteen, B. See Vietor, K. W.
Hawkins, Earl T. See Weinrauch, Larry A.
Hawkins, Jr., I. F. See Kaude, J. V.
Hawley, Rollin J. See Gottdiener, John S.
Hay, Michael R.
—; Cho, Kyung J.; Shin, Hyunchul: pneumothorax as a complication of radiation therapy for primary lung cancer (ab), **126:** 287, 1978
Hayashi, P. See Mori, K.
Hayashi, Thomas. See Lipton, Martin J.
Hayashi, Thomas T. See Lipton, Martin J.
Haybittle, J. L. See Hadden, R. C. M.
Hayem, F. See Meyer, L.-N.
Hayes, Raymond L.
medical use of gallium radionuclides: brief history with some comments, (SNM), **8:** 183, 1978
Haynes, Barton F. See Vermess, Michael
Haynes, Ralph E. See Burech, Dennis L.
Hayward, R. See Zilkha, E.
Hayward, R. D.
subarachnoid haemorrhage of unknown aetiology: clinical and radiological study of 51 cases (ab), **128:** 267, 1978
Head, Gordon L. See Dunnick, N. Reed; Mills, Steven R.; Teplick, J. George
Heaston, Dennis K. See Osborn, Anne G.
Hebert, Guy. See Ouimet-Oliva, Denise
Hecht, Harvey S.
—; Mirell, Stuart G.; Rolett, Ellis L.; Blahd, William H.: left-ventricular ejection fraction and segmental wall motion by peripheral first-pass radionuclide angiography (ab), **128:** 284, 1978
Hechtman, Herbert B. See Liebman, Paul R.
Heck, Larry L. See Goodman, Julius M.
Hedeman, Lynn S.
—; Lewinsky, Bernard S.; Lochridge, G. Kress; Trevor, Richard: primary malignant schwannoma of the gasserian ganglion: report of two cases (ab), **129:** 273, 1978
Hedgcock, Marcus W. See Eisenberg, Ronald L.; Gooding, Gretchen A. W.
Hedman, Per J. K.
—; Kempi, Viktor; Voss, Henrik: measurement of vesicoureteral reflux with intravenous ^{99m}Tc-DTPA compared to radiographic cystography, **126:** 205, 1978
Heelan, Robert T. See Flehinger, Betty J.
Heffernan, LeRoy P. See Smith, Eldon R.
Heffner, Jr., L. T. See Steele, J. Richard
Hegedus, Viktor. See Gronvall, John
—; Poulsen, Poul Ejby; Reichardt, Jens: natural history of the double pylorus, **126:** 29, 1978
Heger, James J. See Weyman, Arthur E.
Hegge, Frederick N.
—; Hamilton, Glen W.; Larson, Steven M.; Ritchie, James L.; Richards, Powell: cardiac chamber imaging: a comparison of red blood cells labeled with Tc-99m in vitro and in vivo (ab), **128:** 284, 1978
Heidelberger, Kathleen P. See Kaufman, Robert A.
Heidendal, G. A. K. See Thijs, L. G.
Heierli, B. See Howald, H.
Heilbrun, L. See Livingston, R. B.
Heilbrun, Lance. See Moore, Terence N.
Hein, O. See Jensen, T. Staehelin
Heinle, Robert A. See Nanda, Navin C.
Heitzman, E. Robert. See Rosenblum, Lawrence J.
diagnosis of the chest. 2nd ed., vols. 1 and 2 (bk rev), **128:** 300, 1978
—; Goldwin, Richard L.; Proto, Anthony V.: radiologic analysis of the mediastinum utilizing computed tomography, (RCNA), **15:** 309, 1977
Helenon, Ch. See Cremniter, D.
Helfant, Richard H. See Morrison, Carol A.
Helfer, Ray E.
—; Slovis, Thomas L.; Black, Mary: injuries resulting when small children fall out of bed (ab), **127:** 568, 1978
Helikson, M. A.
—; Shapiro, D. L.; Seashore, J. H.: hepatoportal arteriovenous fistula and portal hypertension in an infant (ab), **128:** 274, 1978
Hellbusch, Leslie C. See Gol, Alexander
Heller, Richard M.
—; Kirchner, Sandra G.; O'Neill, Jr., James A.; Hough, Jr., A. J.; Howard, Lyn; Kramer, Sandra Sue; Green, Harry L.: skeletal changes of copper deficiency in infants receiving prolonged total parenteral nutrition (ab), **129:** 854, 1978
Hellman, Samuel. See Goodman, Robert; Levene, Martin B.
Helms, Clyde A.
pseudocysts of the humerus, (AJR), **131:** 287, 1978
Helwig, Elson B. See Allman, Robert M.
Hemenway, William G. See Canalis, Rinaldo F.
Hemmati, Masoud. See Kim, Kwang S.
Hemmingsson, Anders
—; Lofroth, Per Olov: xeroradiography and conventional radiography in examination of the larynx (ab), **126:** 548, 1978
Hempelmann, Louis H. See Shore, Roy E.
Hendee, William R. See Jaeger, Stanley S.; Rossi, Raymond P.

Hendel, David. See Gershuni, David H.
Henderson, John W.
—; Farrow, George M.: primary orbital hemangiopericytoma: aggressive and potentially malignant neoplasm (ab), **129:** 847, 1978
Henderson, Robert D.
—; Wigle, E. Douglas; Sample, Karen; Marryatt, Gary: atypical chest pain of cardiac and esophageal origin (ab), **127:** 850, 1978
Henderson, Robert W. See Wistow, Brian W.
Hendrickson, Frank R. See Lee, Myung-Sook
Hendrix, Thomas R. See Whitington, Peter F.
Hendry, G. O.
—; Hilton, J. L.; Tom, J. L.: neutron source development at the Cyclotron Corporation (ab), **129:** 288, 1978
Henke, C. E.
—; Wolff, J. M.; Shafer, R. B.: vascular dynamics in liver scan "hot spot" (ab), **129:** 862, 1978
Henke, R. P. See Tobias, C. A.
Henkelman, R. M. See Dicello, J. F.
Henkin, Robert E. See Berkow, Andrew E.
Henning, Harmut
—; O'Rourke, Robert A.; Crawford, Michael H.; Righetti, Alberto; Karliner, Joel S.: interior myocardial infarction as a cause of asymmetric septal hypertrophy: echocardiographic study (ab), **128:** 859, 1978
Henning, Hartmut. See Lew, Wilbur
Henry, James M. See Martins, Albert N.
Henry, Walter L. See Maron, Barry J.
—; Ware, James; Gardin, Julius M.; Hepner, Seymour I.; McKay, Joyce; Weiner, Michael: echocardiographic measurements in normal subjects: growth related changes that occur between infancy and early adulthood (ab), **127:** 858, 1978
Hensley, George T. See Cohen, Steven H.
Henson, S. L. See Crissman, J. D.
Henstorf, Harold. See Butt, James
Hentges, David. See Butt, James
Hentzer, B.
—; Jacobsen, H. H.; Asboe-Hansen, G.: fibrodysplasia (myositis) ossificans progressiva treated with disodium etidronate (ab), **129:** 567, 1978
Hepner, Seymour I. See Henry, Walter L.
Herbig, Francis K. See Fletcher, James W.
Herlinger, H. See Foster, D. N.
Herlinger, Hans
modifed technique for the double-contrast small bowel enema (ab), **129:** 564, 1978
Herman, Michael V. See Brik, Henry; Joffe, C. David; Millman, Arthur
Herman, Peter G. See Balikian, Jirayr P.; Hessel, Samuel J.; Hillman, Bruce J.; Seltzer, Steven E.
—; Balikian, Jirayr P.; Seltzer, Steven E.; Ehrie, Michael: pulmonary-renal syndrome, (AJR), **130:** 1141, 1978
Herman, Richard D.
—; Leoni, Joseph V.; Matthews, George R.: renal milk of calcium associated with hydronephrosis, (AJR), **130:** 572, 1978
Herman, Teresa. See Ulbrych-Jablonska, Anna
Hernandez, J. See Pueyo, I.
Hernandez, Ramiro
—; Gutowski, Diana; Poznanski, Andrew K.: simple method of using a shadow gonadal shield with closed incubators, **128:** 821, 1978
—; Kuhns, Lawrence R.; Holt, John F.: suprasternal fossa on chest radiographs in newborns, (AJR), **130:** 745, 1978
Hernandez, Ramiro J. See Kuhns, Lawrence R.; Poznanski, Andrew K.
—; Poznanski, Andrew K.; Hopwood, Nancy J.; Kelch, Robert P.: incidence of growth lines in psychosocial dwarfs and idiopathic hypopituitarism, (AJR), **131:** 477, 1978
Hernandez-Mora, M. See Ramos, L.
Herrera, A. F. See DiGiacomo, Jr., P. J.
Herrmann, Jr., Christian. See Mink, Jerrold H.
Hershgold, Edward L. See Prescott, Stephen M.
Herzog, B. See Boudou, A.
Herzog, Karen A. See Gooding, Gretchen A. W.
Heselson, N. G.
—; Cremin, B. J.; Beighton, P.: pseudochondroplasia: report of 13 cases (ab), **127:** 568, 1978
Hess, Kenneth H. See Hilal, Sadek K.
Hess, O. See Krayenbuhl, H. P.
Hess, Paul G.
—; Nanda, Navin C.; DeWeese, James A.; Reeves, William C.; Gramiak, Raymond: echocardiographic features of combined membranous subaortic stenosis and acquired calcific aortic valvulopathy (ab), **127:** 570, 1978
Hessel, Samuel J. See Hillman, Bruce J.
—; Adams, Douglass F.; Judy, Philip F.; Fishbein, Michael C.; Abrams, Herbert L.: detection of myocardial ischemia *in vitro* by computed tomography, **127:** 413, 1978
—; Abrams, Herbert L.: diagnostic radiology: beyond mere technology (opin), **129:** 249, 1978
—; Herman, Peter G.; Swensson, Richard G.: improving performance by multiple interpretations of chest radiographs: effectiveness and cost, **127:** 589, 1978
Hesselink, John R.
—; Chung, Kyung J.; Peters, Mary E.; Crummy, Andrew B.: congenital partial eventration of the left diaphragm, (AJR), **131:** 417, 1978
Hessler, Christian
—; Schnyder, Pierre; Ozzello, Luciano: hamartoma of the breast: diagnostic observation of 16 cases, **126:** 95, 1978
Heymsfield, Steven B. See Gilbert, Charles A.
Hicks, John A. See Boone, Max L.
Hietala, S.-O.
—; Texter, Jr., J. H.; Crane, D. B.: angiography in pheochromocytoma of the urinary bladder: report of a case (ab), **126:** 837, 1978
Higashi, Toru. See Asari, Syoji
Higgins, Carol S. See Ter-Pogossian, Michel M.
Higgins, Charles B. See Broderick, Thomas W.
—; Lipton, Martin J.; Johnson, Allen D.; Peterson, Kirk L.; Vieweg, W. V. R.: false aneurysms of the left ventricle: identification of distinctive clinical, radiographic, and angiographic features, **127:** 21, 1978
—; Reinke, Robert T.; Jones, Nancy E.; Broderick, Thomas: left atrial dimension on the frontal thoracic radiograph: method for assessing left atrial enlargement, (AJR), **130:** 251, 1978
Higgins, Elizabeth M. See Lentle, Brian C.
Hilal, Sadek K. See Carmel, Peter W.; Kelcz, Frederick
—; Dauth, George W.; Hess, Kenneth H.; Gilman, Sid: development and evaluation of a new water-soluble iodinated myelographic contrast medium with markedly reduced convulsive effects, **126:** 417, 1978
Hilaris, B. S. See Whitmore, Jr., W. F.
Hilaris, Basil. See Wittes, Robert E.
Hildell, Jan. See Andersson, Ingvar
Hilger, Jerome A. See Duckert, Larry G.
Hill, A. See Wilkinson, E.
Hill, L. R. See Breslow, N. E.
Hill, Shirley Y. See Co, Ben T.
Hill, Thomas C. See Shimshak, Robert R.
—; Costello, Philip; Gramm, Herbert F.; Lovett, Richard; McNeil, Barbara J.; Treves, Salvador: early clinical experience with a radionuclide emission computed tomographic brain imaging system, **128:** 803, 1978
—; Costello, Philip; Davis, Michael A.; Lovett, Richard; Shulkin, Peter: radionuclide emission computed tomography of the body of laboratory animals, **128:** 799, 1978
Hillman, Bruce J. See Baker, Richard A.
—; Hessel, Samuel J.; Swensson, Richard G.; Herman, Peter G.: improving diagnostic accuracy: comparison of interactive and Delphi consultations (ab), **126:** 556, 1978
Hilton, J. L. See Hendry, G. O.
Hilton, Saskia. See Brooks, John G.
Himelstein, Ephraim. See Goodwin, Paul N.
Himmelfarb, Elliott
—; Wells, Stanley; Rabinowitz, Jack G.: radiographic spectrum of cardiopulmonary amyloidosis (ab), **126:** 549, 1978
Hinderling, Th. See Ruegesegger, P.
Hinthorn, Daniel R. See Karlin, Charles A.
Hiraki, Yoshio. See Hisada, Kinichi
Hiramatsu, Kyoichi. See Mohri, Makoto
Hirashima, Takeshi. See Ohkubo, Hideki
Hirosawa, Koshichiro. See Atsuchi, Yoshihiko
Hirsch, Jack H.
—; Carter, Stephen J.; Chikos, Paul M.: traumatic pseudoaneurysms of the thoracic aorta: two unusual cases, (AJR), **130:** 157, 1978
—; Carter, Stephen J.; Chikos, Paul M.; Colacurcio, Cheryl: ultrasonic evaluation of radiographic opacities of the chest, (AJR), **130:** 1153, 1978
Hirsch, Leroy. See D'Cruz, Ivan A.
Hirsch, Menachem
—; Abramowitz, Harry B.; Shapira, Shlomo; Barki, Yehiel: hypopharyngeal injury as a result of attempted endotracheal intubation, **128:** 37, 1978
Hirschfeld, Stephen. See Riggs, Thomas
Hirschhorn, Kurt. See Brill, Charles B.
Hirschklau, Michael J.
—; Sahn, David J.; Hagan, Arthur D.; Williams, David E.; Friedman, William F.: cross-sectional echocardiographic features of Ebstein's anomaly of the tricuspid valve (ab), **126:** 841, 1978
Hirschman, Gladys H.
—; DeLuca, Hector F.; Chan, James C. M.: hypophosphatemic vitamin D-resistant rickets: metabolic balance studies in a child receiving 1,25 dihydroxyvitamin D_3, phosphate, and ascorbic acid (ab), **128:** 856, 1978
Hirsh, Jack. See Hull, Russell
Hirst, A. E. See Kitching, G. B.
Hisada, Kinichi. See Tonami, Norihisa
—; Tonami, Norihisa; Miyamae, Tatsuya; Hiraki, Yoshio; Yamazaki, Toshio; Maeda, Tatsuo; Nakajo, Masayuki: clinical evaluation of tumor imaging with ^{201}Tl chloride, **129:** 497, 1978
Hjelmstedt, Ake
—; Sahlstedt, Bo: simultaneous arthrography of the talocrural and talonavicular joints in children: III. measurements on normal feet (ab), **128:** 279, 1978
Ho, C. S. See McLoughlin, M. J.
—; Rubin, E.; Renouf, J. H. P.: metocyclopromide in gastrointestinal radiology (ab), **129:** 565, 1978
—; Lipinski, J. K.: selective intubation of the afferent loop, (AJR), **130:** 481, 1978
Ho, Chia-Sing
—; Rubin, Eva: linear shadows in the air-contrast barium enema, **127:** 621, 1978
Ho, J. E. See Chu, J.-Y.
Ho, Khang-Cheng. See Eldevik, O. Petter; Haughton, Victor M.
Hoare, Richard. See Kingsley, Derek
Hoare, Richard D. See Duncan, Andrew W.
Hobbs, Barry B. See Gray, Joel E.; Villagran, Jorge E.
Hobson, II, Robert W. See Kerr, John C.
Hodges, Clarence V. See Barry, John M.
Hodges, III, F. J. See Zimmerman, A. W.
Hodges, III, Fred J. See Bahr, Albert Lee
Hodgkinson, Darryl J.
—; Woods, John E.; Dahlin, David C.; Tolman, Dan E.: keratocysts of the jaw: clinicopathologic study of 79 patients (ab), **128:** 563, 1978
Hodosh, R. M. See Yasargil, M. G.
Hoeffken, W.
spontaneous visibility of the mammary ducts in plain mammography (ab), **126:** 834, 1978
Hoffer, Paul B. See Korobkin, Melvyn; Rollo, F. David; Shimshak, Robert R.; Turner, David A.; Wilson, John S.
Hoffman, Richard B. See Hansen, Gail C.
Hogan, Michael
—; Srichomkuan, Aree: B scan detection of pelvic masses: accuracy compared to the barium enema intravenous pyelogram (ab), **129:** 573, 1978
Hogan, Walter J. See Leinicke, Jeffrey L.
Hogg, David E. See Dye, Larry E.
Hohenfellner, Rudolf. See Marberger, Michael
Hoitsma, H. F. W. See Thijs, L. G.
Holden, Robert W. See Guest, James A.
Holder, John C.
—; Dalrymple, Glenn V.: choosing a contrast material for aortofemoral runoff angiography, **128:** 787, 1978
—; Cherry, James F.: use of a tip deflecting guide in untying a knotted arterial catheter, **128:** 808, 1978
Holecek, Milan J.
—; Harwood, Andrew R.: radiotherapy of Kaposi's sarcoma (ab), **129:** 286, 1978
Holgate, Richard C. See Fitz, Charles R.; Wortzman, George
—; Wortzman, George; Noyek, Arnold M.; Makerewica, Len; Coates, Robert M.: pulsatile tinnitus: role of angiography (ab), **127:** 845, 1978
Holinger, Lauren D. See Holinger, Paul C.
Holinger, Paul C.
—; Holinger, Lauren D.; Reichart, Timothy J.; Holinger, Paul H.: respiratory obstruction and apnea in infants with bilateral abductor vocal cord paralysis, meningomyelocele, hydrocephalus, and Arnold-Chiari malformation (ab), **129:** 560, 1978
Holinger, Paul H. See Holinger, Paul C.
Holle, Rolf. See Levy, Steven B.
Holli, Heimo. See Seppanen, Seppo
Holm, H. H. See Mascatello, V. J.
Holm, Hans Henrick. See Berger, Marc
—; Smith, Edward H.; Bartrum, Jr., Royal J.: relationship of computed tomography and ultrasonography in diagnosis of abdominal disease (ab), **126:** 557, 1978
Holman, B. Leonard. See McIlmoyle, Gaellan
Holmegaard, L. See Frisen, L.
Holmes, III, Edwin R. See Baker, R. Robinson
Holmes, King K. See Karney, Walter W.
Holmes, Richard A. See Soin, Jagmeet S.
Holmes, William F. See Stucker, Fred J.
Holst, Jens. See Ingemansson, Stig

Holt, J. F. See DeSmet, A. A.
Holt, John F. See Hernandez, Ramiro; Kaufman, Robert A.; Kuhns, Lawrence R.
neurofibromatosis in children: 1977 Edward B. D. Neuhauser lecture, (AJR), **130:** 615, 1978
Holt, R. Gary
—; Gross, Richard; Carlsson, Erik: angiographic features of carcinoid heart disease, **127:** 601, 1978
Holt, Richard W.
—; Wagner, Robert; Homa, Michael: ultrasonic diagnosis of cholelithiasis (ab), **129:** 573, 1978
Homa, Michael. See Holt, Richard W.
Homer, Marc J.
hilar height ratio, **129:** 11, 1978
—; Wechsler, Richard J.; Carter, Barbara L.: mediastinal lipomatosis: CT confirmation of a normal variant, **128:** 657, 1978
Hood, John. See Ter-Pogossian, Michel M.
Hopeman, Alan R. See Van Stiegmann, Gregory
Hopewell, J. W. See Hubbard, Bethan M.
Hopfan, Seymour. See Wittes, Robert E.
Hopkins, G. Bruce. See Kan, Michael K.
Hopwood, Nancy J. See Hernandez, Ramiro J.
Horie, T. See Takase, M.
Horii, Steven C. See Butler, Alan R.
Horiot, Jean-Claude. See Jampolis, Samuel
Hornback, Ned B. See Cakmak, Ahmet
Horowitz, Isidore. See Millman, Arthur
Horst, W. See Lutolf, U. M.
Horton, Joseph A.
—; Kerber, Charles W.: grain in the stone: computer search for hidden CT patterns, **129:** 427, 1978
Hoshino, Tomoyuki. See Guzowski, Jacobo
Hosler, James P.
—; Hartong, William A.; Moeller, Donald D.: fatty acid enteroliths and intermittent small intestinal obstruction (ab), **129:** 565, 1978
Hosokawa, Shinichi. See Kawamura, Juichi
Host, H. See Olweny, C. L. M.
Houdart, R. See Djindjian, M.
Hough, Jr., A. J. See Heller, Richard M.
Hounsfield, G. N.
potential uses of more accurate CT absorption values by filtering, (AJR), **131:** 103, 1978
Houser, O. Wayne. See Campbell, J. Keith; Davis, George D.; Forbes, Glenn S.; Rosenbaum, Thomas J.
radiologic anatomy of the brain (bk rev), **128:** 108, 1978
Housholder, Daniel F. See Qureshi, Saeeda
Houston, C. Stuart. See Dixon, Brian L.
diagnostic irradiation of women during the reproductive period (ab), **127:** 282, 1978
—; Gerrard, John W.; Ives, Elizabeth J.: dysosteosclerosis, (AJR), **130:** 988, 1978
Howald, H.
—; Maire, R.; Heierli, B.; Follath, F.: echocardiographic findings in trained athletes (ab), **127:** 570, 1978
Howard, Arthur L. See Dixit, Jagannath K.
Howard, Lyn. See Heller, Richard M.
Howard, N. See Hadden, R. C. M.
Howman-Giles, Robert
—; Gilday, David L.; Venugopal, S.; Shandling, Barry; Ash, Judith M.: splenic trauma—nonoperative management and long-term follow-up by scintiscan (ab), **128:** 862, 1978
Hoy, Gregory R.
—; Dunbar, David; Boles, Jr., E. Thomas: use of glucagon in the diagnosis and management of ileocolic intussusception (ab), **127:** 565, 1978
Hoyumpa, Jr., Anastacio M. See Marshall, II, Jay P.
Hsieh, Robert C. See Perry, Henry D.
Huang, Edwin K. See Kelley, Michael J.
Huang, H. K. See Bradley, J. G.
Hubbard, Bethan M.
—; Phil, D.; Hopewell, J. W.: dose–latent period relationship in the irradiated cervical spinal cord of the rat, **128:** 779, 1978
Huber, G.
computer tomographic and scintigraphic aspects of subdural hematomas (ab), **129:** 271, 1978
Huber, J. See Meradji, M.
Hubner, Karl F. See Sauerbrunn, Bertram J. L.
Hubsher, Jerome. See Sargent, E. Nicholas
Huchton, Judy I. See Raulston, Gilbert L.
Huddleston, Alan L. See Agarwal, Suresh K.
Hughes, Alan D. See Prather, Jerry L.
Hughes, Charles P. See Grubb, Jr., Robert L.
Huguet, J. F.
—; Clement, J. P.; Jean, P.; Clerissi, J.; Burelle, H.: endocrine tumors of the pancreas (ab), **129:** 563, 1978
Hull, Russell
—; Hirsh, Jack; Sackett, David L.; Powers, Peter; Turpie, Alexander G.; Walker, Irwin: combined use of leg scanning and impedance plethysmography in suspected venous thrombosis: an alternative to venography (ab), **126:** 559, 1978
Hultborn, A. See Bartholdson, L.
Hulten, L. See Bartholdson, L.
Hulvat, Gerald F.
—; Batnitzky, Solomon; Wellman, Henry N.: epidural hematoma of the posterior fossa: radionuclide features, **127:** 194, 1978
Hummel, Brad A. See Hummel, Brian W.
Hummel, Brian W.
—; Hummel, Brad A.; Mowbry, Alan; Maixner, William; Barnes, Robert W.: reactive hyperemia vs treadmill exercise testing in arterial disease (ab), **127:** 851, 1978
Humphries, Jr., William C.
—; Hammer, William J.; McDonough, Michael T.; Lemole, Gerald; McCurdy, Richard R.; Spann, Jr., James F.: echocardiographic equivalents of a flail mitral leaflet (ab), **127:** 286, 1978
Hunter, Alasdair G. W.
—; Martsolf, John T.; Baker, Charles G.; Reed, Martin H.: geroderma osteodysplastica: report of two affected families (ab), **128:** 568, 1978
Hunter, N. See Dubravsky, N. B.
Hunter, Tim B. See Tonkin, Ina L. D.
—; Haber, Kai: sonographic diagnosis of a wandering spleen, (AJR), **129:** 925, 1977
Hunting, Daniel. See Richie, Jerome J.
Huntington, Howard W. See Smith, Michael T.
Hunziker, Robert J. See Gallant, Thomas E.
Hurst, Lawrence C. See Bowers, William H.
Hurth, M. See Djindjian, M.
Hurwitz, Roger A. See Weyman, Arthur E.
Hussain, S. See de Lacey, G. J.
Hussey, David H. See Raulston, Gilbert L.; Rogers, Charles C.
—; Parker, Robert G.; Rogers, Charles C.: evolution of dosage schedules at the fast neutron therapy facilities in the United States (ab), **129:** 288, 1978
Husted, James. See Miller, Wallace T.
Husted, James W. See Oleaga, Juan A.; Ring, Ernest J.
Hustu, H. Omar. See Pratt, Charles B.
Hutcheson, David. See Butt, James
Hutson, Duane. See Pereiras, Raul; Pereiras, Raul V.
Hutter, Jr., Adolph M. See Boucher, Charles A.
Huvos, Andrew. See Kim, Jae Ho
Huvos, Andrew G. See Ahuja, Subash C.
Hyman, Roger A. See Naidich, James B.

I

Iacuone, John J.
—; Wong, K. Y.; Bove, Keven E.; Lampkin, Beatrice C.: acute respiratory illness in children with acute lymphoblastic leukemia (ab), **126:** 834, 1978
Iancu, Theodore C.
—; Almagor, Gyora; Friedman, Eliezer; Hardoff, Ruth; Front, Dov: chronic familial hyperphosphatasemia, **129:** 669, 1978
Iannelli, A. See Belloni, G.
Iba-Zizen, M. T. See Salvolini, U.
Ibn Aziz, Hasan. See Sinha, Purendra Prasad
Igari, Dairoku. See Harada, Kuzuya
Iitaka, Kikuo
—; West, Clark D.: renal calculus and asymptomatic hematuria: possible cause of exaggerated exercise hematuria (ab), **129:** 855, 1978
Ikeda, Jun. See Numaguchi, Yuji
Ikeda, Margaret K. See Wittenberg, Jack
Illanas, M. See Ramos, L.
Illig, R.
—; Torresani, T.; Sobradillo, B.: early detection of neonatal hypothyroidism by serial TSH determination in dried blood (ab), **127:** 560, 1978
Imhof, Herwig
—; Doi, Kunio: application of radiographic magnification technique with an ultra-high-speed rare-earth screen/film system to oral cholecystography, **129:** 173, 1978
Inagaki, Yasutaka. See Takeoka, Tsuneyuki
Ingelfinger, Franz J.
tubes (ab), **128:** 277, 1978
Ingemansson, Stig
—; Holst, Jens; Larsson, Lars-Inge; Lunderquist, Anders: localization of glucagonomas by catheterization of the pancreatic veins and glucagon assay (ab), **128:** 567, 1978
Ingram, G. S. See Zilkha, E.
Ippoliti, John. See Mangurten, Henry H.
Irino, Tadayoshi
—; Taneda, Mamoru; Minami, Takao: angiographic manifestations in postrecanalized cerebral infarction (ab), **126:** 831, 1978
Irwin, Richard S.
—; Braman, Sidney S.; Arvanitidis, Alexander N.; Hamolsky, Milton W.: ^{131}I thyroid scanning in preoperative diagnosis of mediastinal goiter (ab), **129:** 861, 1978
Isaacs, Ivan
hysterographic double-outlined uterine cavity: sign of unsuspected pregnancy, (AJR), **131:** 305, 1978
Isabel-Jones, Josephine B. See Bhatt, Dilip R.
Isdale, Joy M.
radiological signs of acute appendicitis in infancy and childhood (ab), **128:** 855, 1978
role of radiology in urinary tract infection in children (ab), **128:** 858, 1978
Isherwood, I. See Forbes, W. St. C.
Isherwood, Ian. See Callen, Peter W.
Ishii, Yasushi. See Kawamura, Juichi
—; Itah, Harumi; Suzuki, Teruyasu; Yonekura, Yoshiharu; Mukai, Takao; Torizuka, Kanji: quantative assessment of ventilation-perfusion mismatch by radioxenon imaging of the lung (ab), **129:** 574, 1978
Isikoff, Michael B.
—; Diaconis, John N.: ultrasound: new diagnostic approach to the jaundiced patient (ab), **126:** 557, 1978
Israel, Karen S. See Kauffman, Carol A.
Isturiz, Paul. See Fishbone, Gerald
Itah, Harumi. See Ishii, Yasushi
Itai, Yuji
—; Kogure, Takashi; Okuyama, Yamaji; Akiyama, Hiroshi: superficial esophageal carcinoma: radiological findings in double-contrast studies, **126:** 597, 1978
Ito, Kenjiro. See Suzuki, Shigeharu
Itoh, Harumi
—; Tokunaga, Susumu; Asamoto, Hitoshi; Furuta, Mutsuhiro; Funamoto, Yasunobu; Kitaichi, Masanori; Torizuka, Kanji: radiologic-pathologic correlations of small lung nodules with special reference to peribronchiolar nodules, (AJR), **130:** 223, 1978
Itzchak, Yacov
—; Glickman, Morton G.: splenic vein thrombosis in patients with a normal size spleen (ab), **126:** 553, 1978
Iverson, Palle Birger
diverticulum hypopharyngis lateralis with a record of one case (ab), **128:** 270, 1978
Ives, Elizabeth J. See Houston, C. Stuart; Izukawa, Terro
Ivins, John C. See Sim, Franklin H.
Iwabuchi, Takashi. See Suzuki, Shigeharu
Izukawa, Terro
—; Kidd, B. S. Langford; Moes, C. A. Fred; Tyrrell, Michael J.; Ives, Elizabeth J.; Simpson, James S.; Shandling, Barry: assessment of the cardiovascular system in conjoined thoracopagus twins (ab), **127:** 851, 1978
Izzo, G. See Belloni, G.

J

Jabbari, Bahman
—; Pierce, James F.; Boston, Susan; Echols, Dean M.: Brown-Sequard syndrome and cervical spondylosis (ab), **128:** 278, 1978
—; Pierce, James F.: spinal cord compression due to pseudomonas in a heroin addict (ab), **128:** 277, 1978
Jablon, Seymour
—; Miller, Robert W.: army technologists: 29-year follow up for cause of death, **126:** 677, 1978
Jacken, J. See Forget, P.
Jackson, B. Richard. See Syed, A. M. Nisar
Jackson, Donald A. See Older, Robert A.
Jackson, Donald C. See Limberakis, Anthony J.; Miller, Michael D.; Oddson, Terrence A.
Jackson, F. I.
—; Lentle, B. C.: scintilymphangiographic "flare" sign of lymphangitic obstruction (ab), **127:** 573, 1978
Jackson, Frank I. See Lentle, Brian C.
Jackson, George L. See Flickinger, Fred W.
Jackson, Jr., Joseph H. See Yousefzadeh, David K.
Jackson, R. T.
—; Fitz-Hugh, G. S.; Constable, W. C.: malignant neoplasms of the nasal cavities and paranasal sinuses: retrospective study (ab), **127:** 560, 1978
Jacobs, Lawrence
—; Kindel, William R.; Vincent, Ronald G.: 'silent' brain metastasis from lung carcinoma determined by computerized tomography (ab), **128:** 269, 1978

Jacobs, Richard P. See Marks, William M.; Schrumpf, John D.
Jacobsen, H. H. See Hentzer, B.
Jacobson, George. See Muntz, E. Phillip; Sargent, E. Nicholas
Jacobson, Harold G. See Subbarao, Kakarla
Jacobson, James J. See Ulreich, Sidney
Jacoby, Charles G. See Dolan, Kenneth D.
Jacoby, James H. See Pandarinath, Gupta S.
Jacques, Darrell A. See Casterline, Peter F.
Jacques, Paul F.
—; Staab, E.; Richey, W.; Photopulos, G.; Swanton, M.: CT-assisted pelvic and abdominal aspiration biopsies in gynecological malignancy, **128:** 651, 1978
Jaeger, Stanley S.
—; Cacak, Robert K.; Barnes, J. Edward; Hendee, William R.: optimization of xeroradiographic exposures, **128:** 217, 1978
Jaffe, C. Carl
—; Kelley, Michael J.; Taunt, Kathleen A.: two-dimensional echocardiographic identification of a right ventricle tumor, **129:** 471, 1978
Jaffe, Richard B. See Bender, Robert L.
Jager, Rama M. See Buchanan, Jerry B.
Jain, Dharam P. See D'Cruz, Ivan A.
James, Jr., A. Everette. See Fleischer, Arthur C.; Johnson, A. Chandrahasan; Stitik, Frederick P.; Zeman, Gary H.
—; Sherrard, III, Thomas J.: law of agency as applied to radiology (opin), **128:** 257, 1978
medical malpractice insurance. part I: consideration of some of the factors (opin), **128:** 837, 1978
medical malpractice insurance: part II: some proposed solutions (opin), **129:** 245, 1978
James, E. Meredith
—; Carlson, Harley C.: chronic ulcerative colitis and colon cancer: can radiographic appearance predict survival patterns? (AJR), **130:** 825, 1978
Jampolis, Samuel
—; Pipard, Gudrun; Horiot, Jean-Claude; Bolla, Michel; Le Dorze, Christian: preliminary results using twice-a-day fractionation in the radiotherapeutic management of advanced cancers of the head and neck, (AJR), **129:** 1091, 1977
Jamshidnejad, Javad
—; Koehler, Robert E.; Narayan, Dilip: double channel pylorus, (AJR), **130:** 1047, 1978
Jander, H. P. See Kogutt, Marvin S.
—; Pujara, Subash; Murad, Tariq M.: tumefactive megalocytic interstitial nephritis, **129:** 635, 1978
Janes, Jeff O. See Loeb, Peter M.
Janes, Jefferson O. See Conrad, Melvyn R.
—; McClelland, Robert: fluoroscopic replacement of a choledochal U-tube using a steerable catheter, **128:** 828, 1978
Janik, Joseph S.
nonischemic intussusception (ab), **127:** 566, 1978
Jannetta, Peter J. See Laha, Ranjit K.
—; Abbasy, Munir; Maroon, Joseph C.; Ramos, Francisco M.; Albin, Maurice S.: etiology and definitive microsurgical treatment of hemifacial spasm: operative techniques and results in 47 patients (ab), **128:** 271, 1978
Jansholt, Anne-Line. See Carretta, Robert F.
Jaques, Paul F.
—; Bream, Charles A.: barium duodenography as an adjunct to percutaneous transhepatic cholangiography, (AJR), **130:** 693, 1978
Jardine, John H. See Raulston, Gilbert L.
Jarmakani, Jay M. See Bhatt, Dilip R.
Jarrett, Fredric. See Narsete, Thomas
Jauregui, Hugo. See Castaneda-Zuniga, Wilfrido R.
Jausseran, J. M. See Coubier, R.
Javadpour, Nasser. See Mills, Steven R.; Schaner, Everett G.
—; Doppman, John L.; Bergman, Stuart M.; Anderson, Tom: correlation of computed tomography and serum tumor markers in metastatic retroperitoneal testicular tumor (ab), **129:** 571, 1978
Jay, Bernard. See Ecker, Martin D.
Jean, P. See Huguet, J. F.
Jeanmart, L. See Baleriaux-Waha, D.
Jeffcoat, Marjorie K.
—; MacNeil, Barbara J.; Davis, Michael A.: indium and iron as tracers for erythroid precursors (ab), **129:** 285, 1978
Jeffs, Robert D. See De Klerk, Daniel P.
Jelaso, David V.
—; Southworth, Glen; Purcell, Lee H.: telephone transmission of radiographic images, **127:** 147, 1978
Jellins, Jack. See Crocker, Ernest Frank
Jelveh, Mansoor. See Berger, Marvin
Jenkins, Herman A. See Canalis, Rinaldo F.
Jensen, Pamela. See Ogden, John A.
Jensen, T. Staehelin
—; Hein, O.: intraspinal arachnoiditis and hydrocephalus after lumbar myelography using methylglucamine iocarmate (ab), **129:** 569, 1978
Jewell, William R. See Chang, C. H. Joseph
Jhaveri, Harish S.
—; Gerlock, Jr., A. James; Ekelund, Leif: failure of steel coil occlusion in a case of hypernephroma, (AJR), **130:** 556, 1978
Jimenez, J. R. See Pueyo, I.
Jimenez, John P. See Gouliamos, Athanassios D.
Jing, Bao-Shan. See Jonsson, Kjell; Lindell, Jr., Marvin M.
malignant tumors of the larynx, (RCNA), **16:** 247, 1978
Joffe, C. David
—; Brik, Henry; Teichholz, Louis Evan; Herman, Michael V.; Gorlin, Richard: echocardiographic diagnosis of left anterior descending coronary artery disease (ab), **126:** 282, 1978
Joffe, Norman. See Sacks, Barry
—; Antonioli, Donald A.: atypical appearances of benign hyperplastic gastric polyps, (AJR), **131:** 147, 1978
—; Antonioli, Donald A.; Bettmann, Michael A.; Goldman, Harvey: focal granulomatous (Crohn's) colitis: radiologic-pathologic correlation (ab), **129:** 276, 1978
—; Antonioli, Donald A.: osteoblastic bone metastases secondary to adenocarcinoma of the pancreas (ab), **129:** 572, 1978
—; Goldman, Harvey; Antonioli, Donald A.: recurring hyperplastic gastric polyps following subtotal gastrectomy, (AJR), **130:** 301, 1978
Johansen, J. G.
—; Killeas, F. G.; Nordshus, T.: arthrography of the knee joint with Amipaque (ab), **128:** 279, 1978
Johansen, T. Staehr. See Svendsen, Lars Bo
Johanson, Ann J. See Robinow, Meinhard
Johansson, B. See Olweny, C. L. M.
Johnrude, Jr., Irwin S. See Oddson, Terrence A.
Johns, H. E.
—; Battista, J.; Bronskill, M. J.; Brooks, R.; Fenster, A.; Yaffe, M.: physics of CT scanners: principles and problems (ab), **129:** 282, 1978
Johnson, A. Chandrahasan
—; Reddy, Rajaram; Johnson, Satyabama; James, Jr., A. Everette: lower limb angiography in leprosy, **126:** 327, 1978
Johnson, A. J.
—; Burrows, E. H.: thecal deformity after lumbar myelography with iophendylate (Myodil) and meglumine iothalamate (Conray 280) (ab), **129:** 281, 1978
Johnson, Allen D. See Higgins, Charles B.
—; Gosink, Barbara B.: oscillation of left ventricular structures in aortic regurgitation (ab), **126:** 842, 1978
Johnson, Burton A. See Berman, Wulfred
Johnson, Dale G. See Stewart, David R.
Johnson, Douglas E. See Jonsson, Kjell
Johnson, G. Allan
—; O'Foghludha, F.: experimental "trans-molybdenum" tube for mammography, **127:** 511, 1978
Johnson, G. Frank
—; Robinow, Meinhard: aglossia-adactylia, **128:** 127, 1978
Johnson, Gregory L.
—; Meyer, Richard A.; Korfhagen, Joan; Schwartz, David C.; Kaplan, Samuel: echocardiographic assessment of pulmonary arterial pressure in children with complete right bundle branch block (ab), **129:** 283, 1978
Johnson, John C. See Fromkes, John
Johnson, Jonas T. See Chung, Chung T.
Johnson, L. K. See Fry, F. J.
Johnson, Lawrence F.
—; Walta, Douglas C.: intrahepatic pigment stones: Asian disease diagnosed with retrograde cholangiography (ab), **129:** 564, 1978
Johnson, Merrill C. See Thrall, James H.
Johnson, Michael L. See Stables, Derek P.
Johnson, Philip M. See Casarella, William J.; Spencer, Richard P.
Johnson, Ralph E. See Kent, C. Harry
Johnson, Randle C. See Bleshman, Michael H.
Johnson, Robert D. See Dietrich, Peter A.
Johnson, Robert O. See Sooriyaarachchi, Gamini S.
Johnson, Satyabama. See Johnson, A. Chandrahasan
Johnson, Steve L. See Ward, Jonathan M.
Johnson, Warren W. See Pratt, Charles B.
Johnson, Willard C. See Robbins, Alan H.; Widrich, Warren C.
Johnsrude, Irwin S. See Miller, Michael D.
Johnsson, J. E.
bladder and intestinal injuries following radiation therapy of carcinoma of the uterine cervix (ab), **126:** 285, 1978
squamous cell carcinoma of the uterine cervix (ab), **127:** 861, 1978
Johnston, A. Sidney. See Ryo, U. Yun
Johnston, James S. See Martins, Albert N.
Johnston, K. W. See Wann, L. S.
Johnston, P. G. B. See Stevens, David
Johnston, R. Eugene. See Partain, C. Leon
Johnston, W. H. See Maisel, R. H.
Jones, B. J.
—; Palmer, F. J.; Charlesworth, J. A.; Shirley, D. V.; MacDonald, G. J.; Williams, R. M.; Robertson, M. R.: autonomic hyperreflexia: serious complication of radiological procedures in patients with cervical or upper thoracic spinal cord lesions (ab), **128:** 857, 1978
Jones, Bronwyn. See Seltzer, Steven E.
Jones, J. Spencer
account of pleural effusions, pulmonary nodules and cavities attributable to rheumatoid disease (ab), **128:** 852, 1978
Jones, Linda. See Whitington, Peter F.
Jones, Nancy E. See Higgins, Charles B.
Jones, Peter C. See Fee, Jr., Henry J.
Jones, Peter F. See Bagley, Frederick H.
Jones, R. W. A.
—; Pickering, D.: persistent ductus arteriosus complicating the respiratory distress syndrome (ab), **126:** 550, 1978
Jones, Robert. See Wendth, Arthur J.
Jones, Stephen E. See Hammond, Neel
—; Tobias, Donald A.; Waldman, Robert S.: computed tomographic scanning in patients with lymphoma (ab), **128:** 571, 1978
Jones, T. See Lenzi, G. L.
Jones, Thomas K. See Lee, Joseph M.-F.
Jones, Jr., Thomas K. See Popkin, Michael K.; Sewchand, Wilfred
Jonsson, K.
—; Anderson, J. H.; Osborne, B.; Wallace, S.: ether-dissolved Ethiodol for lymphangiography: experimental study, (AJR), **129:** 1047, 1977
Jonsson, Kjell. See Granmayeh, Masood
—; Wallace, Sidney; Jing, Bao-Shan; Johnson, Douglas E.; Dodd, Gerald D.: changes in the lymphatic dynamics after retroperitoneal lymph node dissection (ab), **127:** 278, 1978
—; De Santos, Luis Alonso; Wallace, Sidney; Anderson, James H.: prostaglandin E_1 (PGE_1) in angiography of tumors of the extremities, (AJR), **130:** 7, 1978
Joplin, G. F. See Lavender, J. P.
Joseph, Peter M. See Kelcz, Frederick
Jost, R. Gilbert. See Evens, Ronald G.; Levitt, Robert G.
—; Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G.: computed tomography of the thorax, **126:** 125, 1978
Joubert, Mauritius J.
—; Stephanov, Stephan: computerized tomography and surgical treatment in intracranial suppuration: report of 30 consecutive unselected cases of brain abscess and subdural empyema (ab), **127:** 843, 1978
Joy, Ikonija. See Conroy, Robert M.
Judy, Philip F. See Hessel, Samuel J.
Juif, J.-G. See Brochard, A.
Juillard, Guy F. See Steckel, Richard J.
Juler, George L. See Conroy, Robert M.
—; Conroy, Robert M.; Fuelleman, Robert W.: bile leakage following percutaneous transhepatic cholangiography with the Chiba needle (ab), **126:** 835, 1978
Julian, Conrad. See Fleischer, Arthur C.
Julien, J.
—; Riemens, V.; Vital, Cl.; Lagueny, A.; Miet, G.: cervical cord compression by solitary osteochondroma of the atlas (ab), **129:** 569, 1978
Julsrud, Paul R.
—; Brown, Larry R.; Li, Chin-Yang; Rosenow, III, Edward C.; Crowe, John K.: pulmonary processes of mature-appearing lymphocytes: pseudolymphoma, well-differentiated lymphocytic lymphoma, and lymphocytic interstitial pneumonitis, **127:** 289, 1978
Juncos, L. I. See Kaude, J. V.
Junor, B. J. R. See Smith, F. W.
Justice, Parvin. See Aschinberg, Lorenzo C.

K

Kaan, Ken. See Steinbok, Paul

Kabakian, H. A.
—; Dahmash, N. S.: pharyngoesophageal manifestations of epidermolysis bullosa (ab), **129:** 563, 1978
Kaddu-Mukasa, A. See Olweny, C. L. M.
Kadell, B. M. See Sample, W. Frederick
Kadell, Barbara. See Fee, Jr., Henry J.
Kadell, Barbara M. See Goldstein, Leonard I.
Kademian, Michael Thomas
—; Wirtanen, George W.: accuracy of bipedal lymphography in Hodgkin's disease, (AJR), **129:** 1041, 1977
—; Buchler, Dolores A.; Wirtanen, George W.: bipedal lymphangiography in malignancies of the uterine corpus, (AJR), **129:** 903, 1977
—; Bosch, Antonio: staging laparotomy and survival in carcinoma of the uterine cervix (ab), **129:** 862, 1978
Kadir, Saadoon
—; Athanasoulis, Christos A.; Greenfield, Alan J.: intestinal volvulus: angiographic findings, **128:** 595, 1978
Kadish, Sidney P. See Simpkins, Gary S.
Kaegi, Emil. See Muntz, E. Phillip
Kaftori, J. K. See Adler, O.
Kaftori, Joseph. See Kleinhaus, Uriel
Kagan, A. Robert. See Gilbert, Harvey A.; Wollin, Myron
—; Steckel, Richard J.: chronic sciatic pain in a young woman with sclerosis of the iliac bone, (AJR), **129:** 1087, 1977
—; Steckel, Richard J.: heterotopic new bone formation: myositis ossificans versus malignant tumor, (AJR), **130:** 773, 1978
—; Steckel, Richard J.: "maxillary sinusitis" and cancer: role of polytomography, (AJR), **131:** 321, 1978
—; Steckel, Richard J.: ovarian mass, bone metastases, and a breast lesion, (AJR), **130:** 1163, 1978
—; Steckel, Richard J.: radiologic investigation of bloody ascites, (AJR), **131:** 697, 1978
—; Steckel, Richard J.: solitary bone scan abnormality in a patient with breast carcinoma, (AJR), **130:** 353, 1978
Kahl, Frederick R. See Thomas, John L.
Kahn, E. Ronald. See Doppman, John L.
Kahn, Paul C. See Leonidas, John C.; Rudders, Richard A.
Kaiser, Jay A. See Korobkin, Melvyn
Kalb, Ch. See Sippell, W. G.
Kalenik, Janina. See Ulbrych-Jablonska, Anna
Kalifa, Gabriel. See Chassevent, Jacques
Kalifa, L. Gabriel. See Webb, W. Richard
Kalisher, Lester. See Arnold, Ben A.; Harrist, Terence J.; McLoud, Theresa C.
improved needle for localization of nonpalpable breast lesions, **128:** 815, 1978
Kalman, Matthew A.
radiologic soft tissue shadows in the pelvis: another look, (AJR), **130:** 493, 1978
Kalser, Martin H. See Barkin, Jamie
Kaminsky, David B. See Donaldson, John C.
Kan, Michael K.
—; Hopkins, G. Bruce: edge enhancement of ECG-gated cardiac images using directional masks, **127:** 525, 1978
Kanarek, David J. See Sprince, Nancy L.
Kanter, Stephen A.
—; Garris, Joel B.: upper urinary tract air: benign finding indicating presence and degree of ureteral reflux (ab), **128:** 279, 1978
Kanto, Jr., William P.
—; Parrish, Jr., Robert A.: perforation of the peritoneum and intra-abdominal hemorrhage: complication of umbilical vein catheterizations (ab), **128:** 274, 1978
Kao, Ming-Shian
—; Srisuro, Chotchai; Camel, H. Marvin: complications following parametrial radiogold treatment for cervical carcinoma (ab), **128:** 576, 1978
Kaplan, Alan D. See Vignola, Paul A.
Kaplan, B. S.
—; Rabin, I.; Nogrady, M. B.; Drummond, K. N.: autosomal dominant polycystic renal disease in children (ab), **126:** 838, 1978
Kaplan, Henry S. See Breiman, Richard S.
Kaplan, Samuel. See Johnson, Gregory L.
Kaplan, Selna L. See Wara, William M.
Kaplowitz, N. See Afroudakis, A.
Kappelman, Neil. See Schoenbaum, Stephen
Kappelman, Neil B.
—; Sanders, Roger C.: ultrasound in the investigation of gallbladder disease (ab), **128:** 574, 1978
Karacuschansky, Miguel. See Dashkoff, Neil
Karafin, Lester. See Feldman, Arthur E.
Karasick, David. See Karasick, Stephen
Karasick, Stephen
—; O'Hara, A. Edward; Karasick, David; Rangarathnam, Candadai S.: supradiaphragmatic cyst following surgical repair of congenital diaphragmatic hernia, **129:** 142, 1978
Karch, Fred E. See Wood, Beverly P.
Karja, J. See Karma, P.
Karle, A. See Gyldensted, C.
Karlin, Charles A.
—; Robinson, Ralph G.; Hinthorn, Daniel R.; Liu, Chien: radionuclide imaging in herpes simplex encephalitis, **126:** 181, 1978
Karliner, Joel S. See Henning, Harmut; Lew, Wilbur
Karma, P.
—; Pavala, A.; Karja, J.: analysis of mastoid cholesteatomas (ab), **128:** 563, 1978
—; Rasanen, O.; Karja, J.: nasal gliomas: review and report of two cases (ab), **128:** 563, 1978
Karmody, Colin S. See Carter, Barbara L.
Karney, Walter W.
—; O'Donoghue, J. Morgan; Ostrow, Jonathan H.; Holmes, King K.; Beaty, Harry N.: spectrum of tuberculous peritonitis (ab), **126:** 549, 1978
Karo, James J. See Sandler, Michael A.
Karstaedt, Nolan
—; Sagel, Stuart S.; Stanley, Robert J.; Melson, G. Leland; Levitt, Robert G.: computed tomography of the adrenal gland, **129:** 723, 1978
Kartha, Mukund. See Nair, Ravi
Karwowski, A. See Wojtowicz, J.
Karzmark, Clarence J. See Fessenden, Peter
Kasecamp, Wayne. See Yang, Shirley S. L.
Kasner, Ekkehard
—; Wilske, Jochen; Steinhoff, Harald; Stochdorph, Otto: computer assisted tomography in primary malignant lymphomas of the brain (ab), **129:** 271, 1978
Kass, J. B.
—; Khamapirad, T.; Wagner, M. L.: pulmonary edema following skin absorption of organophosphate insecticide (ab), **129:** 852, 1978
Kassner, E. George. See Haller, Jack O.
—; Qazi, Q. H.; Haller, J. O.: Rothmund-Thomson syndrome (poikiloderma congenitale) associated with mental retardation, growth disturbance, and skeletal features (ab), **127:** 280, 1978
Katongole-Mbidde, E. See Olweny, C. L. M.
Katragadda, Chandra S. See Goldstein, Harvey M.
Katsuyama, Naofumi. See Kawakami, Kenji
Kattan, Kenneth R.
trauma of the bony thorax, (SR), **13:** 69, 1978
Katz, David L.
gamut: fatty densities on CT, (SR), **13:** 187, 1978
Katz, M.
—; Piekarski, J. D.; Bayle-Weisgerber, Ch.; Laval-Jeantet, M.; Teillet, F.: residual mediastinal mass following radiation therapy for Hodgkin disease (ab), **128:** 273, 1978
Katz, Sol. See Raptopoulos, Vassillios
Katzberg, Richard W. See Wood, Beverly P.
Katzen, Barry T. See Chang, James
Kaude, J. V.
—; Fuller, Th. J.; Hawkins, Jr., I. F.; Juncos, L. I.; Pfaff, W. W.: prognostic value of angiography in management of severe acute renal transplant rejection (ab), **126:** 555, 1978
Kauffman, Carol A.
—; Israel, Karen S.; Smith, James W.; White, Arthur C.; Schwarz, Jan; Brooks, George F.: histoplasmosis in immunosuppressed patients (ab), **129:** 857, 1978
Kauffmann, G. See Mathias, K.
Kaufman, Allan S.
—; Kuhns, Lawrence R.: lateral decubitus view: aid in evaluating poorly defined pulmonary densities in children, (AJR), **129:** 885, 1977
Kaufman, David M. See Mayers, Marguerite M.
Kaufman, Donald B. See Haddy, Theresa B.
Kaufman, Linda. See Gutgesell, Howard P.
Kaufman, R. A. See DeSmet, A. A.
Kaufman, Robert A.
—; Holt, John F.; Heidelberger, Kathleen P.: calcification in primary and metastatic Wilms' tumor, (AJR), **130:** 783, 1978
—; Thrall, James H.; Keyes, Jr., John W.; Brown, Manuel L.; Zakem, James F.: false negative bone scans in neuroblastoma metastatic to the ends of long bones, (AJR), **130:** 131, 1978
Kaufman, Ronald. See Gordonson, Jay
Kaufman, Stephen L. See Barth, Klemens H.; White, Jr. Robert I.
—; Maddrey, Willis C.; Harrington, Donald P.; White, Jr., Robert I.: hemodynamic effects of superior mesenteric arterial and intravenous vasopressin infusions in patients with portal hypertension (ab), **126:** 550, 1978
Kaufman, Susan M. See Baker, Richard A.
Kautz, G. See Safrany, L.
Kavanagh, Steven. See MacEwan, Douglas W.
Kaveggia, Elisabeth G. See Romeo, Giovanni
Kawakami, Kenji
—; Tada, Shimpei; Katsuyama, Naofumi; Mochizuki, Sachio: radionuclide study in pulmonary sequestration (ab), **128:** 575, 1978
Kawamura, Juichi
—; Hosokawa, Shinichi; Yoshida, Osamu; Fujita, Toru; Ishii, Yasushi; Torizuka, Kanji: validity of ^{99m}Tc dimercaptosuccinic acid renal uptake for an assessment of individual kidney function (ab), **128:** 575, 1978
Kay, M. See Wiegmann, T.
Kaye, Jeremy J. See Dodd, Gerald D.; Sauser, Donald D.
fractures and dislocations of the hand and wrist, (SR), **13:** 109, 1978
Kazam, Elias. See Behan, Michael; Lee, Benjamin C. P.
—; Whalen, Joseph P.: computerized axial tomography. anatomic atlas of serial sections of the human body. anatomy—radiology—scanner (bk rev), **126:** 412, 1978
Kazemi, Homayoun. See Sprince, Nancy L.
Kazner, E. See Steinhoff, H.; Wende, S.
Kazner, Ekkehard. See Buell, Udalrich
Kearney, P. J. See Stevens, David
Keating, J. P. See McAlister, W. H.
Keating, James P. See Bell, Martin J.
Keating, James W.
—; Cromwell, Laurence D.: remote effects of neuroblastoma, (AJR), **131:** 299, 1978
Keats, Theodore E. See Cail, Wayne S.
atlas of simulated fractures, (SR), **13:** 19, 1978
Keim, Daniel E. See Norris, Stephen
Kelch, Robert P. See Hernandez, Ramiro J.
Kelcz, Frederick
—; Hilal, Sadek K.; Hartwell, Patricia; Joseph, Peter M.: computed tomographic measurement of the xenon brain-blood partition coefficient and implications for regional cerebral blood flow: preliminary report, **127:** 385, 1978
Keller, Bowen E.
electron-beam radiographs, **128:** 830, 1978
Keller, Frederick S.
—; Dotter, Charles T.; Rosch, Josef: percutaneous transhepatic obliteration of gastroesophageal varices: some technical aspects, **129:** 327, 1978
Keller, H. U. See Ruegesegger, P.
Kellet, Michael J. See Schumacher, Timothy M.
Kelley, Michael J. See Jaffe, C. Carl; Ravin, Carl E.
—; Huang, Edwin K.; Langou, Rene A.: angiography in the diagnosis of renal allograft dysfunction, **129:** 1, 1978
Kelsey, C. A. See Brogdon, Bryon G.
Kelsey, Charles A. See Lane, Richard G.
Kelvin, Frederick M. See Older, Robert A.
—; Oddson, Terrence A.; Rice, Reed P.; Garbutt, John T.; Bradenham, Ben P.: double contrast barium enema in Crohn's disease and ulcerative colitis, (AJR), **131:** 207, 1978
—; Rice, Reed P.: radiologic evaluation of acute abdominal pain arising from the alimentary tract, (RCNA), **16:** 25, 1978
Keminger, K. See Deimer, E.
Kempi, Viktor. See Hedman, Per J. K.
Kendall, A. Richard. See Feldman, Arthur E.
Kendall, B. E. See Kingsley, D.; Radue, E. W.; Zilkha, E.
—; Lee, B. C. P.: cranial chordomas (ab), **128:** 850, 1978
—; Tatler, G. L. V.: radiological findings in neurosarcoidosis (ab), **129:** 273, 1978
—; Logue, V.: spinal epidural angiomatous malformations draining into intrathecal veins (ab), **127:** 854, 1978
—; Kingsley, D.: value of computerized axial tomography (CAT) in cranio-cerebral malformations (ab), **129:** 271, 1978
Kendrick, Marvin H.
—; Harrington, James J.; Sharma, G. V. R. K.; Askenazi, Joseph; Parisi, Alfred F.: ventricular pacemaker wire simulating a right atrial mass (ab), **127:** 571, 1978
Kennedy, Jr., Joseph L. See Phillips, Harold E.
Kent, C. Harry
—; Brereton, Harmar D.; Johnson, Ralph E.: "total" therapy for oat cell carcinoma of the lung (ab), **126:** 845, 1978
Kenyon, T. See Violante, M. R.
Keohane, Mary F. See Ecker, Martin D.
Kerber, C. W. See Deeb, Z. L.
—; Cromwell, L. D.; Drayer, B. P.; Bank, W. O.: cerebral ischemia. I. current angiographic techniques, complications, and safety, (AJR), **130:** 1097, 1978

—; Cromwell, L. D.; Sheptak, P. E.: intraarterial cyanoacrylate: adjunct in the treatment of spinal/paraspinal arteriovenous malformations, (AJR), **130:** 99, 1978
Kerber, Charles. See Cromwell, Laurence D.
Kerber, Charles W. See Horton, Joseph A.
Kerboull, M. See Lequesne, M.
Kereiakes, James G. See Fox, Stanley H.; Maxon, Harry R.; Stupar, Terry A.; Thomas, Stephen R.
Kern, A. See Storm, P. B.
Kerr, John C.
—; Hobson, II, Robert W.; Seelig, Richard F.; Swan, Kenneth G.: vasopressin: route of administration and effects on canine hepatic and superior mesenteric arterial blood flows (ab), **128:** 566, 1978
Kesala, B. Adrian. See Singh, Bhurji N.
—; Baker, Dennis; Morin, Martin; Sue, Hak: new device to support handicapped patients during venography or myelography, **128:** 507, 1978
Kessaris, Nikitas. See Harisiadis, Leon
Keyes, Jr., John W. See Kaufman, Robert A.
—; Leonard, Patrick F.; Svetkoff, Donald J.; Brody, Steven L.; Rogers, W. Leslie; Lucchesi, Benedict R.: myocardial imaging using emission computed tomography, **127:** 809, 1978
—; Thrall, James H.; Carey, James E.: technical considerations in in vivo thyroid studies, (SNM), **8:** 43, 1978
Keys, David J. See Purdy, James A.
Khaja, Fareed. See Carrilo, Antonio P.
Khamapirad, T. See Kass, J. B.
Khan, Faiz M. See Lee, Joseph M.-F.; Sewchand, Wilfred
—; Sewchand, Wilfred; Levitt, Seymour H.: effect of air space on depth dose in electron beam therapy, **126:** 249, 1978
Khilnani, Mansho T. See Som, Peter M.
Khor, T. H.
—; Tan, B. C.; Chua, E. J.; Chia, K. B.: distant metastases in nasopharyngeal carcinoma (ab), **129:** 560, 1978
Khouri, Nagi F. See Baker, R. Robinson
—; Eggleston, Joseph D.; Siegelman, Stanley S.: angioimmunoblastic lymphadenopathy: cause for mediastinal nodal enlargement, (AJR), **130:** 1186, 1978
Khoury, Michel. See Conrad, Melvyn R.
Khullar, Subhash. See Kolibash, Albert J.
Kia, Dariush. See Lewicki, Ann M.
Kidd, B. S. Langford. See Izukawa, Terro
Kidd, G. See Andrews, J. T.
Kidd, Reiley. See Rohrmann, Jr., Charles A.
Kido, Daniel K.
—; Gould, Robert; Taati, Farshid; Duncan, Andrew; Schnur, James: comparative sensitivity of CT scans, radiographs and radionuclide bone scans in detecting metastatic calvarial lesions, **128:** 371, 1978
—; Schoene, William; Baker, Richard A.; Rumbaugh, Calvin L.: metrizamide epidurography in dogs, **128:** 119, 1978
Kieffer, Stephen A.
—; Binet, Eugene F.; Esguerra, Jorge V.; Hantman, Ronald P.; Gross, Cordell E.: contrast agents for myelography: clinical and radiological evaluation of Amipaque and Pantopaque, **129:** 695, 1978
Kiesewetter, William B. See Bower, Richard J.
Kijewski, Peter K. See Levene, Martin B.
Kilcheski, Thomas S.
—; Pollack, Howard M.: gas contrast radiography of ileal conduits, **129:** 242, 1978
Kiliccioglu, Bulent. See Nalbantgil, Istemi
Kilicciogly, B. See Yigitbasi, O.
Killeas, F. G. See Johansen, J. G.
Killoran, Paul J. See Giustra, Peter E.
Kilman, William J.
narrowing of the airway in relapsing polychondritis, **126:** 373, 1978
Kim, Ilsup. See Ryo, U. Yun
Kim, J. H. See Alfieri, A. A.
Kim, Jae Ho
—; Hahn, Eric W.; Tokita, N.; Nisce, L. Z.: local tumor hyperthermia in combination with radiation therapy: I. malignant cutaneous lesions (ab), **126:** 285, 1978
—; Chu, Florence C.; Woodard, Helen Q.; Melamed, Myron R.; Huvos, Andrew; Cantin, Jacques: radiation-induced soft-tissue and bone sarcoma, **129:** 501, 1978
Kim, Kwang S.
—; Hemmati, Masoud; Weinberg, Peter E.: computed tomography in isodense subdural hematoma, **128:** 71, 1978
Kim, Robert Y. See Brascho, Donn J.
—; Roth, Robert E.: radiotherapy of orbital pseudotumor, **127:** 507, 1978
Kim, Sun June. See Allen, John W.; Venkataraman, Kalyanasundaram
Kim, Sung. See Moore, Richard
Kim, Won. See White, Jr. Robert I.
Kim, Y. H. See Gordon, D. H.
Kim, Young H. See Fayos, Juan V.
Kindel, William R. See Jacobs, Lawrence
Kinder, Philip W.
—; Rous, Stephen N.: infected renal cyst from hematogenous seeding: case report and review of the literature (ab), **129:** 856, 1978
Kindred, Lynn H. See Morgan, David L.
King, Denis R. See Kleinman, Paul L.
King, Donald L. See Spiegel, Richard M.
clinical echocardiography (bk rev), **129:** 750, 1978
pediatric echocardiography (bk rev), **126:** 462, 1978
King, Gerald. See Conrad, III, William C.
King, Gerald A. See Chung, Chung T.
King, Harold. See Weyman, Arthur E.
King, Phillip E.
improved method of administering epinephrine in an emergency, **127:** 268, 1978
King, Thomas K. C. See Bredin, Charles P.
Kingsley, D. See Kendall, B. E.
—; Kendall, B. E.: value of computed tomography in the evaluation of the enlarged head (ab), **129:** 851, 1978
Kingsley, Derek
—; Till, Kenneth; Hoare, Richard: growing fractures of the skull (ab), **129:** 560, 1978
Kinkhabwala, Mahesh. See Adler, Jonathan; Madayag, Manuel A.
Kinney, Sam E.
problem mastoid cavity: medical and surgical management (ab), **128:** 562, 1978
Kinney, Thomas R.
—; Zimmerman, Robert A.; Butler, Regina B.; Gill, Frances M.: computerized tomography in the management of intracranial bleeding in hemophilia (ab), **127:** 276, 1978
Kino, Masao. See Tada, Shimpei
Kinsey, James A.
—; Streeten, Barbara W.: ocular abnormalities in the median cleft face syndrome (ab), **127:** 847, 1978
Kirchner, Howard S. See Davis, James M.
Kirchner, Peter T. See Gerber, Frederic H.
Kirchner, S. G.
—; Buckspan, G. S.; O'Neill, J. A.; Page, D. L.; Burko, H.: detergent enema: cause of caustic colitis (ab), **127:** 852, 1978
Kirchner, Sandra G. See Heller, Richard M.
Kirk, Barbara G. See Zeman, Gary H.
Kirkpatrick, Joel B. See Maravilla, Kenneth R.
Kirkpatrick, Rob H. See Wittenberg, Jack
Kirkpatrick, Robert H. See Harley, William D.
—; Wittenberg, Jack; Schaffer, Derace L.; Black, Edward B.; Hall, Deborah A.; Braitman, Barbara S.; Ferrucci, Jr., Joseph T.: scanning techniques in computed body tomography, (AJR), **130:** 1069, 1978
Kirks, Donald R. See Currarino, Guido; Lester, Patrick D.
—; Currarino, Guido; Weinberg, Arthur G.: transverse folds in the proximal ureter: normal variant in infants, (AJR), **130:** 463, 1978
Kirmani, Nigar. See Murray, Henry W.
Kishikawa, Takashi. See Numaguchi, Yuji
—; Numaguchi, Yuji; Watanabe, Katsushi; Matsuura, Keiichi: angiographic diagnosis of benign and malignant splenic tumors, (AJR), **130:** 339, 1978
Kishore, Pulla R. S. See Roberts, Fred F.
—; Dick, Arthur R.: spontaneous disappearance of carotid stenosis, **129:** 721, 1978
Kissane, John M. See Lee, Joseph K. T.
Kisslo, Joseph A. See Lieppe, William
Kitabatake, Takashi
—; Sakai, Kunio; Saito, Akira: expectation of aplastic anemia following radiotherapy for malignancy, **129:** 169, 1978
Kitaichi, Masanori. See Itoh, Harumi
Kitamura, Katsutohi. See Fukui, Masashi
Kitamura, Katsutoshi. See Numaguchi, Yuji
Kitching, G. B.
—; Thompson, J. R.; Hasso, A. N.; Hirst, A. E.: angiographic demonstration of lupus cerebral phlebitis with communicating hydrocephalus (ab), **128:** 560, 1978
Kittredge, Richard D.
—; Brensilver, Jeffrey; Pierce, James C.: computed tomography in renal transplant problems, **127:** 165, 1978
Kitzer, Karen. See Wolf, Gerald L.
Kjellstrand, Carl M. See Harkonen, Scott
Kjorstad, K. E.
—; Bormer, O.; Martimbeau, P.: isotope nephrography in carcinoma of the uterine cervix stage IB (ab), **129:** 576, 1978
Klamburg, Jorge. See de LaTorre, Francisco J.
Klatsky, Alan U. See Cole, Solon R.
Klatte, Eugene C. See Burney, B.; Burney, Bryan T.
Kleiger, Barnard. See Mitty, Harold A.
Kleiger, Robert E. See Ahmad, Salahuddin
Klein, Alan. See Gelfand, David W.
Kleinberg, Frederic. See Spangler, John G.
Kleinhaus, Uriel. See Aharon, Menucha
—; Kaftori, Joseph: rectosigmoid pseudostenosis due to urinary retention, **127:** 645, 1978
Kleinman, George M. See Davis, James M.; Tadmor, Rina
Kleinman, Paul K.
—; Brill, Paula W.; Whalen, Joseph P.: anterior pathway for transdiaphragmatic extension of pneumomediastinum, (AJR), **131:** 271, 1978
Kleinman, Paul L.
—; King, Denis R.: ischemic jejunitis and pneumatosis intestinalis secondary to anastomotic obstruction following jejunal atresia repair (ab), **127:** 565, 1978
Klepping, Cl. See Viard, H.
Kline, Tilde S.
—; Neal, Hunter S.: needle aspiration biopsy: critical appraisal. eight years and 3,267 specimens later (ab), **128:** 280, 1978
Kling, Lawrence E.
—; Crawford, Michael H.; MacDonald, Jr., William J.; Schelbert, Heinz; O'Rourke, Robert A.; Moser, Kenneth M.: noninvasive assessment of left ventricular performance in patients with chronic obstructive pulmonary disease (ab), **127:** 571, 1978
Klingensmith, III, William C. See Omell, Gary H.
—; Yang, Shirley L.; Wagner, Jr., Henry N.: lung uptake of Tc-99m sulfur colloid in liver and spleen imaging (ab), **128:** 286, 1978
—; Datu, Jesus A.; Burdick, Duncan C.: renal uptake of ^{99m}Tc-sulfur colloid in congestive heart failure, **127:** 185, 1978
Klint, R. B.
—; Agustsson, M. H.; McAlister, W. H.: Melnick-Needles osteodysplasia associated with pulmonary hypertension, obstructive uropathy and marrow hypoplasia (ab), **126:** 836, 1978
Klintworth, Gordon K. See Copeland, Dana D.
Klippel, John H. See MacDonald, Jr., William J.
Klotz, Arthur P. See Wu, Shuh-Min
Klug, B. See Habighorst, L. V.
Klumper, A. See Adler, C.-P.
Knahr, K. See Lechner, G.
Knapeck, Richard M. See Ballantine, Thomas V. N.
Knapp, E. A.
accelerators for pion clinical facilities (ab), **129:** 287, 1978
—; Swenson, D. A.: Los Alamos scientific laboratory ion linear accelerator program (ab), **129:** 287, 1978
Knaus, William A.
—; Davis, David O.: utilization of cost-effectiveness of cranial computed tomography at a university hospital (ab), **129:** 272, 1978
Knickerbocker, W. James. See Cooperberg, Peter L.
Knoebel, Suzanne B. See Rasmussen, Susan
Knoke, James. See Riggs, Thomas
Knopp, Lawrence M. See Hanson, James W.
Knowles, Daniel M. See Casarella, William J.
Knowles, Lloyd G. See Qureshi, Saeeda
application of the computer to rapid dynamic studies, (SNM), **8:** 147, 1978
Ko, Patrick
—; Kostuk, William J.; Deatrich, Denise: technetium pyrophosphate scanning in the detection of acute myocardial infarction: clinical experience (ab), **126:** 286, 1978
Kobielowa, Z. See Kozlowski, K.
Koch, Kaaron. See Makler, Jr., P. Todd
Koch, Paul C.
—; Kronzon, Itzhak; Winer, Howard E.; Adams, Peter; Trubek, Max: displacement of the heart by a giant mediastinal cyst (ab), **126:** 841, 1978
Kock, B. See Kormano, M.
Koehler, Robert E. See Jamshidnejad, Javad; Korobkin, Melvyn; Levitt, Robert G.
—; Stanley, Robert J.; DiCroce, Joseph: prolonged gallbladder opacification after oral cholecystography, **128:** 601, 1978
Koffler, Herbert. See Papile, Lu-Ann
Kogure, Takashi. See Itai, Yuji
Kogut, Maurice D. See Miller, John H.
Kogutt, Marvin S.
systemic air embolism secondary to respiratory therapy in the neonate: six cases including one survivor, (AJR), **131:** 425, 1978
—; Jander, H. P.: use of a curved multi-hole catheter for abdominal and femoral arteriography, **128:** 817, 1978

Kohner, E. See Sanderson, J. E.
Kolarsick, Albert J. See Curtin, Charles T.
Kolibash, Albert J.
—; Beaver, Brian M.; Fulkerson, Phillip K.; Khullar, Subhash; Leighton, Richard F.: relationship between abnormal echocardiographic septal motion and myocardial perfusion in patients with significant obstruction of the left anterior descending artery (ab), **127:** 286, 1978
Kolin, Alexander. See Steckel, Richard J.
—; MacAlpin, Rex; Steckel, Richard: electromagnetic rheoangiometry: extension of selective angiography, (AJR), **130:** 13, 1978
Kollins, Stephen A.
computed tomography of the liver, spleen, and pancreas, (SR), **13:** 227, 1978
computed tomography of the pulmonary parenchyma and chest wall, (RCNA), **15:** 297, 1977
Komaki, Ritsuko. See Cox, James D.
Komaki, Senichiro. See Numaguchi, Yuji
—; Baba, Hiromi; Matsuura, Keichi: oblique computed tomography for orbital mass lesions, **129:** 79, 1978
Komatsu, Yukio. See Atsuchi, Yoshihiko
Komuro, H. See Handa, J.
Konig, G.
radiography of the proximal femur for angle measurement (ab), **127:** 279, 1978
Konnak, John W. See Cho, Kyung J.
Konrad, Horst. See Matsubara, Rodney
Koolpe, Harvey A. See Russell, Edward
Koops, Beverly L. See Brooks, John G.
Koos, Gerald W. See Hartig, Paul R.
Kopelson, Gene. See Harisiadis, Leon
Kopit, Sandra. See Balikian, Jirayr P.
Kopits, Steven E. See Schatz, Sanford L.
Koppenhagen, K. See Rost, A.
Korbuly, Dominic. See Amplatz, Kurt
Korelitz, Burton I.
colonic-duodenal fistula in Crohn's disease (ab), **127:** 852, 1978
Korfhagen, Joan. See Johnson, Gregory L.
Kormano, M.
—; Kock, B.; Brothcrus, V.; Lindfors, O.; Lindstrom, B.: microangiography of rejected human kidney transplants (ab), **126:** 555, 1978
Kornreich, Helen. See Lehman, Thomas J. A.
Korobkin, Melvyn. See Brasch, Robert C.; Callen, Peter W.; Goldberg, Henry I.; Kressel, Herbert Y.; Montagne, Jean-Philippe; Moss, Albert A.; Shanser, Jon D.; Shimshak, Robert R.; Wilson, John S.
—; Callen, Peter W.; Filly, Roy A.; Hoffer, Paul B.; Shimshak, Robert R.; Kressel, Herbert Y.: comparison of computed tomography, ultrasonography, and gallium-67 scanning in the evaluation of suspected abdominal abscess, **129:** 89, 1978
—; Kressel, Herbert Y.; Moss, Albert A.; Koehler, Robert E.: computed tomographic angiography of the body, **126:** 807, 1978
—; Moss, Albert A.; Callen, Peter W.; DeMartini, William J.; Kaiser, Jay A.: computed tomography of subcapsular splenic hematoma: clinical and experimental studies, **129:** 441, 1978
Kosche, F.
idiopathic periosteal hyperostosis with dysproteinemia (ab), **127:** 568, 1978
Kosek, Jon C. See Lipton, Martin J.
Kosloske, Ann M. See Guice, Karen S.
Kosmann, P. See van Damme, W.
Kostuk, William J. See Ko, Patrick
Kothari, Shirish M. See Graham, David Y.
Kotler, Morris N. See Mintz, Gary S.; Procacci, P. M.
Kottle, Sheldon Paul
—; Gonzalez, Antonio C.; Macon, Edwin J.; Fellner, Susan K.: ultrasonographic evaluation of vascular access complications, **129:** 751, 1978
Koufman, William B. See Lasser, Abraham
Kovisto, Maila. See Lanning, Peter
Kowaluk, Eugene. See Shore, Roy E.
Kozenitzky, I. See Lubin, E.
Kozin, Franklin
—; Haughton, Victor; Bernhard, Gerson C.: neuro-Behcet disease: two cases and neuroradiologic findings (ab), **129:** 274, 1978
Kozlowski, K.
—; Lek, A. Barylak; Kobielowa, Z.: Kniest syndrome: report of two cases (ab), **127:** 280, 1978
—; Brown, R. W.: renal medullary necrosis in infants and children (ab), **129:** 855, 1978
Kraft, Linda. See Wolf, Gerald L.
Krajcer, Zvonimir
—; Orzan, Fulvio; Pechacek, Leonard W.; Garcia, Efrain; Leachman, Robert D.: early systolic closure of the aortic valve in patients with hypertrophic subaortic stenosis and discrete subaortic stenosis: correlation with preoperative and postoperative hemodynamics (ab), **128:** 860, 1978
Kramer, Albrecht. See Haaga, John R.
Kramer, Neil E.
—; Gill, Sukjhit S.; Patel, Ramesh; Towne, William D.: pulmonary valve vegetations detected with echocardiography (ab), **126:** 283, 1978
Kramer, R. A.
vermian pseudotumor: potential pitfall of CT brain scanning with contrast enhancement (ab), **127:** 842, 1978
Kramer, Richard. See Enzmann, Dieter R.
Kramer, Richard A. See Stevens, Edwin A.
Kramer, Sandra Sue. See Heller, Richard M.; Scott, John R.
Kranzler, Jeffry K. See Bekerman, Carlos
Krasnow, Norman. See Stein, Richard A.
Kraus, Dennis. See Seidelmann, Frank E.
Kraus, Jess F. See Stadalnik, Robert C.
Kraus, Robert. See Charuzi, Yzhar
Krause, David A. See Fleischer, Arthur C.
Krayenbuhl, H. P. See Lutolf, U. M.
—; Turina, J.; Hess, O.; Ettori, F.: echocardiography in the assessment of ventricular function (ab), **127:** 571, 1978
Kreel, L. See Haertel, M.
Kreel, Louis. See Brownlie, Ken
computed tomography of the lung and pleura, (SR), **13:** 213, 1978
Kremer, H. See Baumann, D.
Kremkau, Frederick W. See Witcofski, Richard L.
Krenn, J. See Deimer, E.
Kress, H. See Pfeiffer, R. A.
Kressel, Herbert Y. See Goldberg, Henry I.; Korobkin, Melvyn; Montagne, Jean-Philippe; Moss, Albert A.
—; Callen, Peter W.; Montagne, Jean-Phillipe; Korobkin, Melvyn; Goldberg, Henry I.; Moss, Albert A.; Arger, Peter H.; Margulis, Alexander R.: computed tomographic evaluation of disorders affecting the alimentary tract, **129:** 451, 1978
—; Margulis, Alexander R.; Gooding, Gretchen W.; Filly, Roy A.; Moss, Albert A.; Korobkin, Melvyn: CT scanning and ultrasound in the evaluation of pancreatic pseudocysts: preliminary comparison, **126:** 153, 1978
—; Filly, Roy A.: ultrasonographic appearance of gas-containing abscesses in the abdomen, (AJR), **130:** 71, 1978
Kressell, Herbert Y. See Shimshak, Robert R.
Kreutz, W. See Habighorst, L. V.
Kricheff, Irvin I. See Butler, Alan R.; Kumar, Ashok J.; Leo, Jin S.
Kricun, Morrie E. See Teplick, J. George
Krishnamurthy, G. T.
human reaction to bovine TSH: concise communication (ab), **128:** 576, 1978
Krishnaswamy, V.
dose distribution around an ^{125}I seed source in tissue, **126:** 489, 1978
Kristensen, Paul. See Svendsen, Lars Bo
Kristt, Donald. See Bahr, Albert Lee
Kroll, W. See Willich, E.
Kronacher, Norman. See Spindola-Franco, Hugo
Krone, Ronald. See Ahmad, Salahuddin
Kronenwetter, Charles. See Yeh, En-Lin
Kronik, Gerhard. See Weyman, Arthur E.
Kronzon, Itzhak. See Koch, Paul C.; Winer, Howard
—; Glassman, Ephraim: mitral ring calcification in idiopathic hypertrophic subaortic stenosis (ab), **129:** 858, 1978
Krook, Peter M.
—; Carlile, Thomas; Bush, William; Hall, McClure H.: mammographic parenchymal patterns as a risk indicator for prevalent and incident cancer (ab), **128:** 564, 1978
—; Bush, Jr., William H.: single dose oral cholecystography, **127:** 643, 1978
Kroovand, R. Lawrence
—; Weinberg, Neal; Emami, Abbas: posterior urethral valves in identical twins (ab), **127:** 569, 1978
Kruglik, Gerald D. See Calenoff, Leonid; Cisternino, Stephan J.; Mintzer, Richard A.
Krumholz, Allan. See Bahr, Albert Lee
Kruse, Verner. See Nehen, Anna-Marie
Kuehnie, John
—; Mendelson, Jack H.; Davis, Kenneth R.; New, Paul F. J.: computed tomographic examination of heavy marijuana smokers (ab), **127:** 559, 1978
Kuffer, F. See Blasimann, B.
Kuhl, David. See Zimmerman, Robert A.
Kuhn, Jerald P. See Berger, Paul E.
Kuhns, L. R. See DeSmet, A. A.
Kuhns, Lawrence R. See Hernandez, Ramiro; Kaufman, Allan S.; Poznanski, Andrew K.; Wyman, Michael L.
—; Holt, John F.; Hernandez, Ramiro J.: diagnostic radiology in paediatrics (bk rev), **127:** 750, 1978
—; Borlaza, Gil S.; Seigel, Robert; Thornbury, John R.: external anatomic landmarks of the abdomen related to vertebral segments: applications in cross-sectional imaging, (AJR), **131:** 115, 1978
—; Borlaza, Gil S.; Seigel, Robert; Cho, Kyung J.: localization of the head of the pancreas using the junction of the left renal vein and the inferior vena cava (ab), **129:** 563, 1978
Kuisk, H. See Cotman, H. E.
Kulkarni, Padmakar V.
—; Parkey, Robert W.; Buja, L. Maximilian; Wilson, III, James E.; Bonte, Frederick J.; Willerson, James T.: technetium-labeled heparin: preliminary report of a new radiopharmaceutical with potential for imaging damaged coronary arteries and myocardium (ab), **129:** 574, 1978
Kumar, A. J. See Zimmerman, A. W.
Kumar, Ashok J.
—; Naidich, Thomas P.; George, Ajax E.; Lin, Joseph P.; Kricheff, Irvin I.: choroidal artery to the fourth ventricle and its radiological significance, **126:** 431, 1978
Kundargi, Stanley S. See Yanagisawa, Eiji
Kunhardt, Bolivar. See Pereiras, Raul V.
Kunzmann, Axel. See Bowie, James D.; Rochester, David
Kuperus, John H. See Conroy, Robert M.
Kurdyak, Ruth. See Prato, Frank S.
Kurtz, Alfred B. See Rubin, Carl
Kushner, David C.
—; Harris, G. B. Clifton: obstructing lesions of the larynx and trachea in infants and children, (RCNA), **16:** 181, 1978
—; Weber, Alfred L.: sialography of salivary gland tumors with fluoroscopy and tomography, (AJR), **130:** 941, 1978
Kushnet, Marvin W.
—; Goldman, Richard L.: lipoma of the corpus callosum associated with a frontal bone defect, (AJR), **131:** 517, 1978
Kusumi, Rodney. See Tetalman, Marc R.
Kutzen, Barry M.
—; Levy, Norman: splenosis simulating an intramural gastric mass, **126:** 45, 1978
Kvasnicka, J. See Majied, H. A.
Kyle, G. Clayton. See Giesecke, Susan B.

L

Laasonen, E. M.
emergency angiography in extremity trauma: prognostic aspects (ab), **129:** 853, 1978
Laasonen, Leena
prognostic value of angiography in early failure of renal transplants (ab), **126:** 838, 1978
Laborda, O. E. See DiGiacomo, Jr., P. J.
Lachman, Ralph S. See Romeo, Giovanni
Lacombe, P. See Cremniter, D.
LaCour, Fritz
—; Trevor, Richard; Carey, Michael: arachnoid cyst and associated subdural hematoma: observations on conventional roentgenographic and computerized tomographic diagnosis (ab), **128:** 267, 1978
Ladouceur, Jacques. See Ouimet-Oliva, Denise
LaForce, F. Marc. See Weinstein, Melvin P.
Lagueny, A. See Julien, J.
Laha, Ranjit K.
—; Jannetta, Peter J.: glossopharyngeal neuralgia (ab), **128:** 271, 1978
Laidlaw, W. William. See Blackwell, James E.
Laing, Faye C. See Filly, Roy A.; Minagi, Hideyo
—; Filly, Roy A.: problems in the application of ultrasonography for the evaluation of pleural opacities, **126:** 211, 1978
—; London, Linda A.; Filly, Roy A.: ultrasonographic identification of dilated intrahepatic bile ducts and their differentiation from portal venous structures (ab), **129:** 573, 1978
—; Shanser, Jon C.; Salmen, Brian J.: vaginitis emphysematosa: importance of its radiologic recognition (ab), **129:** 855, 1978
Lake, David. See Lane, Richard G.
Lalli, Anthony F.
—; McCormack, Lawrence J.; Zelch, Margaret; Reich, Norbert E.; Belovich, Doris: aspiration biopsies of chest lesions, **127:** 35, 1978
Lamarque, J. L.
—; Senac, J. P.; Bruel, J. M.; Dondelinger, R.; Gengler, L.; Fournier, A.; Thevenet, A.; Mary, H.; Boennec, M.: dysplasia of the renal artery: 19 cases with radiological-anatomical correlation (ab), **126:** 281, 1978
Lamb, G. H. R. See Lea Thomas, M.

Lamb, Sharon A.
—; Mani, Richard L.: use of an alternating pressure pad to reduce patient back pain during neuroangiography, **128:** 510, 1978
Lamb, William A. See Copeland, Dana D.
Lambert, Peter M. See Pilepich, Miljenko V.
radiation myelopathy of the thoracic spinal cord in long term survivors treated with radical radiotherapy using conventional fractionation (ab), **129:** 286, 1978
Lampkin, Beatrice C. See Iacuone, John J.
Land, C. E. See McGregor, D. H.
Landay, Michael. See Thal, Erwin R.
Landay, Michael J. See Christensen, Edward E.; Conrad, Melvyn R.
—; Christensen, Edward E.; Bynum, Lincoln J.: pulmonary manifestations of acute aspiration of gastric contents, (AJR), **131:** 587, 1978
Lander, Philip. See Naimark, Allan
Landgren, Robert D.
—; Fletcher, Gilbert H.; Gallager, H. Stephen; Delclos, Luis; Wharton, J. Taylor: treatment failure sites according to irradiation technique and histology in patients with endometrial cancer (ab), **126:** 285, 1978
Landing, Benjamin H. See Miller, John H.
Lane, Barton. See Enzmann, Dieter R.; Greenberg, Harry S.
Lane, Edward J. See Proto, Anthony V.
Lane, Joseph M. See Goldman, Amy Beth
Lane, Richard G.
—; Lake, David: electron beam calibration constants, **126:** 259, 1978
—; Lake, David; Rosen, Isaac I.; Kelsey, Charles A.: whole body repositioning system, **126:** 258, 1978
Lang, Erich K.
—; Alexander, Robert; Barnett, Troy; Palomar, Juan; Hamway, Sammy: brush biopsy of pyelocalyceal lesions *via* a percutaneous translumbar approach, **129:** 623, 1978
Lange, Robert C. See Makhija, Mohanlal C.
Lange, S. See Steinhoff, H.; Wende, S.
Langer, Alois A. See Wolf, Gerald L.
Langer, B. See McLoughlin, M. J.
Langer, Leonard O. See Gruhn, John G.
Langer, Jr., Leonard O. See Gorlin, Robert J.
Langevin, E. See Chandraratna, P. A. N.
Langevin, Eugene. See Chandraratna, Premindra A. N.
Langou, Rene A. See Kelley, Michael J.
Lanksch, W. See Steinhoff, H.; Wende, S.
Lanksch, Wolfgang. See Buell, Udalrich
Lanning, Marjatta. See Lanning, Peter
Lanning, Peter
—; Kovisto, Maila; Surame, I.; Lanning, Marjatta: neonatal polycythemia and the chest roentgenogram (ab), **126:** 549, 1978
Lansley, I. F. See Hadden, R. C. M.
Lanuza, A. See Vidal, J.
Lapis, James L.
—; Orlando, Roy C.; Mittelstaedt, Carol A.; Staab, Edward V.: ultrasonography in the diagnosis of obstructive jaundice (ab), **129:** 860, 1978
Lappe, Donald L.
—; Bulkley, Bernadine H.; Weiss, James L.: two-dimensional echocardiographic diagnosis of left atrial myxoma (ab), **129:** 859, 1978
Laragh, John H. See Case, David B.; Virdis, Raffaele
LaRaia, Paul J. See Als, Ann V.
Larra, F.
—; Dixon, B.; Couette, J. E.; Tigori, J.; Bachelot, F.; Robillard, J.; Delouche, G.: time factor in brachytherapy (ab), **126:** 558, 1978
Larsen, John L. See Slagsvold, Jon E.
Larson, David. See Lebow, Steven
Larson, Eric B.
—; Omenn, Gilbert S.; Loop, John W.: computed tomography in patients with cerebrovascular disease: impact of a new technology on patient care, (AJR), **131:** 35, 1978
—; Omenn, Gilbert S.; Magno, Joana: impact of computed tomography on the care of patients with suspected hydrocephalus, (AJR), **131:** 41, 1978
Larson, Sanford J. See Eldevik, O. Petter; Haughton, Victor M.
Larson, Steven M. See Hegge, Frederick N.
mechanisms of localization of gallium-67 in tumors, (SNM), **8:** 193, 1978
Larsson, Lars-Inge. See Ingemansson, Stig
Larsson, S.-E. See Lundstrom, B.
Lascelles, R. G.
—; Mohr, P. D.; Neary, D.; Bloor, K.: thoracic outlet syndrome (ab), **127:** 857, 1978
Lasjaunias, P.
—; Moret, J.; Mink, J.: anatomy of the inferolateral trunk (ILT) of the internal carotid artery (ab), **127:** 846, 1978
—; Theron, J.; Moret, J.: occipital artery: anatomy—normal arteriographic aspects—embryological significance (ab), **129:** 557, 1978
Laskey, Warren
—; Sarosi, George A.: radiological appearance of pulmonary blastomycosis, **126:** 351, 1978
Lasser, Abraham
—; Koufman, William B.: adenomyoma of the stomach (ab), **128:** 276, 1978
Lasser, R. B.
—; Silvis, S. E.; Vennes, J. A.: normal cholangiogram (ab), **129:** 853, 1978
Laster, D. Wayne. See Moody, Dixon, M.
—; Moody, Dixon M.; Ball, Marshall R.: resolving intracerebral hematoma: alteration of the "ring sign" with steroids, (AJR), **130:** 935, 1978
Latapie, J. L. See Sabatier, J. C.
Latchaw, Richard E.
—; Payne, J. Thomas; Gold, Lawrence H. A.: effective atomic number and electron density as measured with a computed tomography scanner: computation and correlation with brain tumor histology (ab), **129:** 271, 1978
—; Gold, Lawrence H. A.; Tourje, E. James: protocol for the use of contrast enhancement in cranial computed tomography, **126:** 681, 1978
—; Meyer, George W.: Reiter disease with atlanto-axial subluxation, **126:** 303, 1978
Latchow, Richard. See Diaz, Fernando
Lateur, L.
—; Baert, A. L.: localisation and diagnosis of osteoid osteoma of the carpal area by angiography (ab), **127:** 281, 1978
Latourette, Howard B. See Nordstrom, Donald G.
Lau, Francis Y. K. See Allen, John W.
Laufer, Igor. See Collins, Stephen M.; Gohel, Vijay K.; Lewis, Terence D.; Zegel, Harry G.
—; Costopoulos, Lambros: early lesions of Crohn's disease, (AJR), **130:** 307, 1978
—; deSa, Derek: lymphoid follicular pattern: normal feature of the pediatric colon, (AJR), **130:** 51, 1978
Radiology of the gallbladder and bile ducts. Section 22 of Golden's diagnostic radiology (bk rev), **126:** 618, 1978
Laurin, Sven
angiography in giant cell tumors (ab), **126:** 836, 1978
Laval-Jeantet, M. See Katz, M.
Lavender, J. Peter. See Fazio, Ferruccio
—; Evans, Imogen M. A.; Arnot, Rosemary; Bowring, S.; Doyle, F. H.; Joplin, G. F.; MacIntyre, I.: comparison of radiography and radioisotope scanning in the detection of Paget's disease and in the assessment of responses to human calcitonin (ab), **126:** 286, 1978
Lavyne, Michael H. See O'Leary, Daniel H.
Lawrence, Cheryl. See Bass, John L.
Lawrence, John H. See Boone, Max L.
Laws, Edward R. See Rosenbaum, Thomas J.
Lawson, Edward E.
—; Teele, Rita Littlewood: diagnosis of adrenal hemorrhage by ultrasound (ab), **129:** 573, 1978
Lawson, R. S. See O'Reilly, P. H.
Lawson, Robert C. See Broerse, Johan J.
Lawson, Thomas L. See Albarelli, Judith N.; Bernardino, Michael E.
ectopic pregnancy: criteria and accuracy of ultrasonic diagnosis, (AJR), **131:** 153, 1978
—; Albarelli, Judith N.; Greenhouse, Samuel W.; Greenbaum, Leonard D.: gray scale measurement of biparietal diameter (ab), **126:** 843, 1978
sensitivity of pancreatic ultrasonography in the detection of pancreatic disease, **128:** 733, 1978
—; Mittler, Sigmund: ultrasonic evaluation of extremity soft-tissue lesions with arthrographic correlation (ab), **129:** 574, 1978
Lawson, William. See Blitzer, Andrew
Lazere, Andrew. See Sarti, Dennis A.
Leach, John K. See Pease, Howard F.
Leachman, Robert D. See Krajcer, Zvonimir
Lea Thomas, M.
—; Blakeney, Charles G.; Browse, Norman L.: arteriomegaly of persistent sciatic arteries, **128:** 55, 1978
—; O'Dwyer, J. A.: phlebographic study of the incidence and significance of venous thrombosis in the foot, (AJR), **130:** 751, 1978
—; Lamb, G. H. R.: selective arterial embolisation in the management of post operative renal hemorrhage (ab), **127:** 283, 1978
Lebow, Steven
—; Anderson, David C.; Mastri, Angeline; Larson, David: acute multiple sclerosis with contrast-enhancing plaques (ab), **129:** 560, 1978
Lebowitz, Robert L. See Cleveland, Robert H.; Pinckney, Lee E.; Stannard, Michael W.
pseudostricture of the urethra: urinal artefact on urethrography, (AJR), **130:** 570, 1978
Lecaque, G. See Salamon, G.
Lecaque, G. L. See Salamon, Georges
Lechner, G.
—; Knahr, K.; Riedl, P.: osteoid-osteoma. conventional, roentgenologic, angiographic, and scintigraphic examinations in 50 patients (ab), **129:** 567, 1978
Lecointre, Cl. See Denavit, M.-F.
Lederman, Richard J. See Weinstein, Meredith A.
Ledesma-Medina, Jocyline. See Bartoletti, Stefano
—; Reid, Barbara S.; Girdany, Bertram R.: colitis cystica profunda, (AJR), **131:** 529, 1978
Ledley, R. S. See Bradley, J. G.
Le Dorze, Christian. See Jampolis, Samuel
Lee, B. C. P. See Kendall, B. E.
Lee, Benjamin C. P.
—; Kazam, Elias; Newman, Arnold D.: computed tomography of the spine and spinal cord, **128:** 95, 1978
—; Gawler, Jeffrey: tuberous sclerosis: comparison of computed tomography and conventional neuroradiology, **127:** 403, 1978
—; Zimmer, Jerald: ventricular opacification after intravascular injections of contrast material, **128:** 647, 1978
Lee, C. C. See Das, Gopal
Lee, Francis C. S. See Lipton, Martin J.
Lee, Garrett. See DeMaria, Anthony N.
Lee, Hee Kyung
—; Granada, Margarito: Swyer-James syndrome: diagnostic application of combined radionuclide ventilation and perfusion scanning (ab), **126:** 845, 1978
Lee, Joseph K. T.
—; Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G.: accuracy of computed tomography in detecting intraabdominal and pelvic adenopathy in lymphoma, (AJR), **131:** 311, 1978
—; Stanley, Robert J.; Sagel, Stuart S.; McClennan, Bruce L.: accuracy of CT in detecting intraabdominal and pelvic lymph node metastases from pelvic cancers, (AJR), **131:** 675, 1978
—; McClennan, Bruce L.; Kissane, John M.: unilateral polycystic kidney disease, (AJR), **130:** 1165, 1978
Lee, Joseph M.-F.
—; Jones, Thomas K.; Khan, Faiz M.; Levitt, Seymour H.: efficient patient data entry system for a busy computer, **126:** 818, 1978
Lee, Kelvin. See Tsukamoto, Yoshiki
Lee, Kyo Rak
—; Robinson, Ralph G.; Neff, James R.: demonstration of a false aneurysm of the extremity by dynamic radionuclide scintigraphy, (AJR), **129:** 931, 1977
—; Sanders, William F.: practical stress device for knee arthrography, **127:** 542, 1978
Lee, Myung-Sook
—; Hendrickson, Frank R.: analysis of pattern of recurrence in non-seminomatous testicular tumor, **127:** 775, 1978
Lee, Timothy G.
—; Parsons, Paul M.: ultrasound diagnosis of cerebrospinal fluid abdominal cyst, **127:** 220, 1978
—; Brickman, Fred E.; Avecilla, Leonard S.: ultrasound diagnosis of intramural intestinal hematoma (ab), **128:** 282, 1978
Lee, Ya-Yen. See Lin, Shu-Ren
Leeds, N. E. See Naidich, T. P.
Leemann, Christoph W. See Grunder, Hermann A.
Leeming, Brian W. See Swartz, Richard D.
Lees, R. F.
pelvi-ureteric obstruction in children (ab), **126:** 556, 1978
Lees, Richard F.
—; Feldman, Philip S.; Brenbridge, A. Norman A. G.; Anderson, Willie A.; Buschi, Anthony J.: inflammatory cysts of the pelvic peritoneum, (AJR), **131:** 633, 1978
—; Harrison, R. Brent; Williamson, Brian R. J.; Shaffer, Jr., Hubert A.: radiographic findings in Rocky Mountain spotted fever, **129:** 17, 1978
—; Alford, Bennett A.; Brenbridge, A. Norman A. G.; Buschi, Anthony J.; Williamson, Brian R. J.: sonographic appearance of duodenal atresia in utero, (AJR), **131:** 701, 1978

Lefleur, Richard S. See Ambos, Marjorie A.
—; Rothberg, Murray; Benjamin, Jeffery; Ambos, Marjorie A.: angiographic demonstration of gas and thrombus in the portal vein, (AJR), **130:** 1171, 1978
Legge, D. A.
use of prostaglandin F2 alpha in selective visceral angiography (ab), **126:** 278, 1978
Lehane, D. See Livingston, R. B.
LeHenaff, J. C. See Beneux, J.
Lehman, D. See Alfieri, A. A.
Lehman, Glen. See Miller, Roscoe E.
Lehman, Thomas J. A.
—; Hanson, Virgil; Kornreich, Helen; Peters, Robert S.; Schwabe, Arthur D.: HLA-B27-negative sacroiliitis: manifestation of familial Mediterranean fever in childhood (ab), **128:** 568, 1978
Lehmann, H.
—; Popken, H.; Gross, W. L.; Schlaak, M.: chest radiograph in Wegener's granulomatosis (ab), **129:** 279, 1978
Lehrer, Steven
—; Roswit, Bernard: primary lymphoma of the paranasal sinuses (ab), **129:** 849, 1978
Lehtinen, Eero. See Seppanen, Seppo
Leibel, Steven A. See Fu, Karen K.
Leidner, Sheldon D. See Lightdale, Charles J.
Leighton, Richard F. See Kolibash, Albert J.
Leinbach, Robert C. See Vignola, Paul A.
Leinicke, Jeffrey L.
—; Dodds, Wylie J.; Hogan, Walter J.; Stewart, Edward T.: comparison of colonoscopy and roentgenography for detecting polypoid lesions of the colon (ab), **127:** 564, 1978
Lek, A. Barylak. See Kozlowski, K.
Leland, Jr., O. Stevens. See Weinrauch, Larry A.
Lemole, Gerald. See Humphries, Jr., William C.
LeMoure, Edward R. See Greenfield, Alan J.
Lenner, V. See Georgi, M.
Lenox, Cora C. See Park, Sang C.
Lentle, B. C. See Jackson, F. I.
Lentle, Brian C.
—; Jackson, Frank I.; Higgins, Elizabeth M.: how many views to a liver scan? (ab), **129:** 575, 1978
Lenzi, G. L.
—; Jones, T.; McKenzie, C. G.; Moss, S.: non-invasive regional study of chronic cerebrovascular disorders using the oxygen-15 inhalation technique (ab), **129:** 559, 1978
—; Jones, T.; McKenzie, C. G.; Buckingham, P. D.; Clark, J. C.; Moss, S.: study of regional cerebral metabolism and blood flow relationships in man using the method of continuously inhaling oxygen-15 and oxygen-15 labelled carbon dioxide (ab), **129:** 559, 1978
Leo, F. See Nickoloff, E. L.
Leo, J. R. See Lips, C. J. M.
Leo, Jin S.
—; Bergeron, R. Thomas; Kricheff, Irvin I.; Benjamin, M. Vallo: metrizamide myelography for cervical spinal cord injuries, **129:** 707, 1978
Leon, Cristobal. See de LaTorre, Francisco J.
Leon, Donald F. See Salerni, Rosemarie
Leon, Raphael. See Fishbone, Gerald
Leonard, Patrick F. See Keyes, Jr., John W.
Leoni, Joseph V. See Herman, Richard D.
Leonidas, John C. See Darling, Donald B.; McCauley, Roy G. K.
—; Brill, Paula W.; Bhan, Ina; Smith, Thomas H.: cystic retroperitoneal lymphangioma in infants and children, **127:** 203, 1978
—; Moylan, Fergus M. B.; Kahn, Paul C.; Ramenofsky, Max L.: ventilation-perfusion scans in neonatal regional pulmonary emphysema complicating ventilatory assistance, (AJR), **131:** 243, 1978
Leopold, George R. See Ellenbogen, Paul H.; Forsythe, John R.; Gosink, Barbara B.; Scheible, William
LePage, James R. See Russell, Edward
Leppik, I. E.
—; Thompson, C. J.; Ethier, R.; Sherwin, A. L.: diatrizoate in computed cranial tomography: quantitative study (ab), **126:** 548, 1978
Lequesne, M.
—; Kerboull, M.; Bensasson, M.; Perez, C.; Dreiser, R.; Dorest, A.: partial transient osteoporosis (ab), **126:** 837, 1978
Lerch, Irving A. See Barish, Robert J.
Lesk, David M.
—; Wood, Thomas E.; Carroll, S. Edwin; Reese, Lionel: application of ^{67}Ga scanning in determining the operability of bronchogenic carcinoma, **128:** 707, 1978
Leslie, Charles L. See Dixit, Jagannath K.
Lester, J. See Gyldensted, C.
Lester, Patrick D.
—; Budge, Arthur F.; Barnes, John C.; Kirks, Donald R.: gastric emphysema in infants with hypertrophic pyloric stenosis, (AJR), **131:** 421, 1978
—; McAlister, William H.: pneumopelvigraphy in childhood, (AJR), **131:** 607, 1978
Leung, Kenneth. See Merten, David F.
Lev, Maurice. See Aziz, Kalim U.
LeVeen, Robert F. See Harned, Roger K.
Levene, Martin B.
—; Kijewski, Peter K.; Chin, Lee M.; Bjarngard, Bengt E.; Hellman, Samuel: computer-controlled radiation therapy, **129:** 769, 1978
Levenson, Norman I. See Settle, Harold P.
Levin, Bernard. See Frank, Paul H.; Rochester, David
Levin, Daniel L.
morphologic analysis of the pulmonary vascular bed in congenital left-sided diaphragmatic hernia (ab), **129:** 852, 1978
Levin, David C. See Baumstark, Anthony E.; Goldberg, Sheldon
—; Fellows, Kenneth E.; Sos, Thomas A.: angiographic demonstration of complications resulting from the Waterston procedure, (AJR), **131:** 431, 1978
augmented arterial flow and pressure resulting from selective injections through catheters: clinical implications, **127:** 103, 1978
Levin, Emanuel J. See Epstein, David A.
Levin, Victor. See Enzmann, Dieter R.; Norman, David
Levine, Allan J. See Cacciarelli, Alexander A.
Levine, Arnold. See Pais, M. Joyce
Levine, David B. See Rosenthal, Robert K.
Levine, E.
pre-operative angiographic assessment of portal venous hypertension (ab), **127:** 278, 1978
Levine, Harvey. See Radvany, Joao
Levine, Howard. See Weinstein, Meredith A.
Levine, Lenore S. See Virdis, Raffaele
Levine, Michael L. See Fu, Karen K.
Levine, Sandra C.
—; Filly, Roy A.: rapid B-scan (real-time) ultrasonography in the identification and evaluation of twin pregnancies (ab), **128:** 574, 1978
Levine, Stephen M. See Pandarinath, Gupta S.
Levinsky, Richard. See D'Cruz, Ivan A.
Levinsohn, E. Mark. See Weinberger, Gerald
Levites, Rafael. See Procacci, P. M.
Levitt, Robert G. See Biello, Daniel R.; Jost, R. Gilbert; Karstaedt, Nolan; Lee, Joseph K. T.; Stanley, Robert J.
—; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, Robert J.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert: complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, **126:** 149, 1978
—; Sagel, Stuart S.; Stanley, Robert J.; Evens, Ronald G.: computed tomography of the pelvis, (SR), **13:** 193, 1978
Levitt, S. H. See Cotman, H. E.
Levitt, Seymour H. See Fullerton, Gary D.; Khan, Faiz M.; Lee, Joseph M.-F.; Sewchand, Wilfred
Levy, D.
—; Gent, M.; Newhouse, M. T.: relationship between acute respiratory illness and air pollution levels in an industrial city (ab), **126:** 276, 1978
Levy, Ivor S. See Barricks, Michael E.
Levy, Jonathan M.
—; Christensen, Fred K.; Nykamp, Paul W.: detection of a cerebrospinal fluid fistula by computed tomography, (AJR), **131:** 344, 1978
stress fractures of the first metatarsal, (AJR), **130:** 679, 1978
Levy, Norman. See Kutzen, Barry M.
Levy, Robert M. See Bleshman, Michael H.
Levy, Steven B. See Talner, Lee B.
—; Talner, Lee B.; Coel, Marc N.; Holle, Rolf; Stone, Richard A.: renal vasculature in essential hypertension: racial differences (ab), **128:** 570, 1978
Levy, Walter M. See Bonakdarpour, A.
Lew, Wilbur
—; Henning, Hartmut; Schelbert, Heinz; Karliner, Joel S.: assessment of mitral valve E point-septal separation as an index of left ventricular performance in patients with acute and previous myocardial infarction (ab), **128:** 860, 1978
Lewicki, Ann M.
—; Brooks, John R.; Meguid, Michael; Membreno, Alejandro; Kia, Dariush: pH-tested reflux without hiatus hernia, (AJR), **130:** 43, 1978
Lewin, George A.
—; Mikity, Victor; Wingert, Willis A.: barium enema: outpatient procedure in the early diagnosis of acute appendicitis (ab), **129:** 565, 1978
Lewinsky, Bernard S. See Hedeman, Lynn S.
Lewis, Alan B.
—; Gates, Gary F.; Stanley, Philip: echocardiography and perfusion scintigraphy in the diagnosis of pulmonary arteriovenous fistula (ab), **128:** 859, 1978
Lewis, Augustus E. See Fitzpatrick, John J.
Lewis, Dorothy. See Rabin, Michael Stanley
Lewis, Terence D. See Collins, Stephen M.
—; Laufer, Igor; Goodacre, Robert L.: arteriovenous malformation of the stomach: radiologic and endoscopic features (ab), **129:** 854, 1978
L'Heureux, Philippe R. See Alford, Bennett A.
Li, Chin-Yang. See Julsrud, Paul R.
Libshitz, Herman I. See Bertrand, Margaret; Moskowitz, Myron; Twiford, Thomas W.
—; Zornoza, Jesus; McLarty, Jerry W.: lung cancer in chronic leukemia and lymphoma, **127:** 297, 1978
—; Baber, Collins E.; Hammond, Charles B.: pulmonary metastases of choriocarcinoma (ab), **126:** 276, 1978
—; Clouser, Michael; Zornoza, Jesus; Osborne, Barbara M.: radiographic findings of immunoblastic lymphadenopathy and related immunoblastic proliferations, (AJR), **129:** 875, 1977
—; Montague, Eleanor D.; Paulus, Jr., David D.: skin thickness in the therapeutically irradiated breast, (AJR), **130:** 345, 1978
Lichtenstein, H. See Nouel, O.
Lichtenstein, Joel E. See Allman, Robert M.
Lichtenstein, N. See Andrews, J. T.
Lichtig, Chaim. See Aharon, Menucha
Liebman, Jerome. See Riggs, Thomas
Liebman, Paul R.
—; Patten, Michael T.; Manny, Jonah; Benfield, John R.; Hechtman, Herbert B.: hepatic-portal venous gas in adults: etiology, pathophysiology and clinical significance (ab), **128:** 855, 1978
Liebner, Edwin J. See Mantravadi, Rao
Liedtke, A. James. See Pinto, Edward R.
Lieppe, William
—; Scallion, Ralph; Behar, Victor S.; Kisslo, Joseph A.: two-dimensional echocardiographic findings in atrial septal defect (ab), **126:** 840, 1978
Lightdale, Charles J.
—; Leidner, Sheldon D.; Nisselbaum, Jerome S.; Menendez-Botet, Celia J.; Poleski, Martin H.: value of diagnostic aids in detecting pancreas carcinoma (ab), **128:** 567, 1978
Lilien, Lawrence D.
—; Harris, Vivian J.; Pildes, Rosita S.: significance of radiographic findings in early-onset group B streptococcal infection (ab), **127:** 562, 1978
Liliequist, B.
—; Lindqvist, M.; Valdimarsson, E.: computed tomography and subarachnoid hemorrhage (ab), **128:** 267, 1978
Lim, G. H. K. See O'Sullivan, D. J.
Lim, Leonard T. See Asokan, Sangarappillai
Lima, Joao P. See Cunha-Vaz, Jose G.
Limacher, Marian C. See Neeld, Elise M.
Limberakis, Anthony J. See Miller, Michael D.
—; Mossler, Jeffrey A.; Roberts, Jr., Leroy; Jackson, Donald C.; Thompson, William M.: leukemic infiltration of the colon, (AJR), **131:** 725, 1978
Lin, Fritz. See Chang, C. H. Joseph
Lin, J. P. See Naidich, T. P.
Lin, Joe J. See Lin, Tung K.
Lin, Joseph P. See Kumar, Ashok J.
Lin, Shu-Ren
—; Crane, Michael D.; Lin, Zwu-Shin; Bilaniuk, Larissa; Plassche, Jr., Walter M.; Marshall, Larry; Spataro, Robert F.: characteristics of calcification in tumors of the pineal gland, **126:** 721, 1978
—; Bryson, Michael M.; Gobien, Rolf P.; Fitz, Charles R.; Lee, Ya-Yen: radiologic findings of hamartomas of the tuber cinereum and hypothalamus, **127:** 697, 1978
Lin, Tung K.
—; Stech, Joseph M.; Eckert, William G.; Lin, Joe J.; Farha, Suhaul J.; Hagan, Condon T.: pericardial angiosarcoma simulating pericardial effusion by echocardiography (ab), **129:** 283, 1978
Lin, Zwu-Shin. See Lin, Shu-Ren
Lincoln, Charles. See Canalis, Rinaldo F.
Lindberg, Sture. See Tisell, Lars-Eric
Lindell, Jr., Marvin M.
—; Jing, Bao-Shan; Fischer, Edward P.; Guillamondegui, Oscar M.; Wallace, Sidney: laryngocele, (AJR), **131:** 259, 1978
Lindell, S. E. See Almen, T.
Lindenberg, J. See Nielsen, S. Pors
Lindfors, O. See Kormano, M.
Lindgren, P. G.
—; Willen, R.: gastrocnemio-semimembranosus bursa and its relation to the knee joint: I. anatomy and histology (ab), **128:** 279, 1978

Lindgren, S. See Frisen, L.
Lindner, Arthur E. See Marshak, Richard H.
Lindqvist, M. See Liliequist, B.
—; Moller, A.: postmortem radiography of the subarachnoid cisterns (ab), **129:** 845, 1978
Lindsey, Paul. See Prakash, Ravi
Lindstrand, A.
—; Mortensson, W.: anterior instability in the ankle joint following acute lateral sprain (ab), **128:** 279, 1978
Lindstrom, B. See Kormano, M.
Lindup, R. See Hadden, R. C. M.
Lindvall, Nils
radiological changes of renal papillary necrosis (ab), **128:** 279, 1978
Lines, Patricia. See Miller, Edward I.
Linke, Charles A. See Segal, Arthur J.; Spataro, Robert F.
Lipinski, J. K. See Ho, C. S.
Lippe, Barbara M.
—; Sample, W. Frederick: pelvic ultrasonography in pediatric and adolescent endocrine disorders (ab), **129:** 861, 1978
Lips, C. J. M.
—; Minder, W. H.; Leo, J. R.; Alleman, A.; Hackeng, W. H. L.: evidence of multicentric origin of the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome) in a large family in the Netherlands; diagnostic and therapeutic implications (ab), **128:** 858, 1978
Lipsett, James A. See Syed, A. M. Nisar
Lipshutz, William. See Miller, Wallace T.
Lipton, Martin J. See Higgins, Charles B.
—; Abbott, Joseph A.; Kosek, Jon C.; Hayashi, Thomas; Lee, Francis C. S.; Bishop, Earl: cardiovascular trauma from angiographic jets—validation of a theoretic concept in dogs, **129:** 363, 1978
—; Hayashi, Thomas T.; Boyd, Douglas; Carlsson, Erik: measurement of left ventricular cast volume by computed tomography, **127:** 419, 1978
Lisbona, R. See Rosenthall, L.
Lisbona, Robert
—; Rosenthall, Leonard: radionuclide imaging of septic joints and their differentiation from periarticular osteomyelitis and cellulitis in pediatrics (ab), **127:** 575, 1978
Lissner, Josef. See Scherer, Ulla
Little, John R.
—; Blomquist, Jr., Gustav A.; Ethier, Romeo: intraventricular hemorrhage in adults (ab), **126:** 832, 1978
Little, P. J. See Bailey, R. R.
Littleton, Jesse T.
—; Durizch, Mary Lou; Perry, Nelson: radiation protection of the lens for patients and users, **129:** 795, 1978
Littman, B. B. See Chandraratna, P. A. N.
Litvak, Austin S. See Whisnant, Joseph D.
Liu, Chien. See Karlin, Charles A.
Liu, Chung-I
—; Fields, William R.; Shaw, Chung-I: tuberculous mediastinal lymphadenopathy in adults, **126:** 369, 1978
Liu, P. I. See McGregor, D. H.
Livingston, R. B.
—; Moore, T. N.; Heilbrun, L.; Bottomley, R.; Lehane, D.; Rivkin, S. E.; Thigpen, T.: small-cell carcinoma of the lung: combined chemotherapy and radiation. a Southwest Oncology Group Study (ab), **129:** 286, 1978
Livingston, Robert. See Moore, Terence N.
Llewellyn, Henry J. See Potsaid, Majic S.
Lloyd, G. A. S. See Phelps, P. D.
Lloyd, L. Keith. See Bueschen, Anton J.
Lloyd, Thomas V. See Conrad, III, William C.
Lobel, Jeffrey S. See McIntosh, Sue
Lochridge, G. Kress. See Hedeman, Lynn S.
Lodwick, Gwilym S. See Tully, Richard J.
Loeb, Peter M.
—; Barnhart, James L.; Berk, Robert N.: dependence of the biliary excretion of iopanoic acid on bile salts (ab), **128:** 275, 1978
—; Berk, Robert N.; Janes, Jeff O.; Perkin, Leigh; Moore, John: effect of fasting on gallbladder opacification during oral cholecystography: controlled study in normal volunteers, **126:** 395, 1978
Loening, S. A. See Storm, P. B.
Loening, W. E. K. See Edge, W. E. B.
Lofroth, Per Olov. See Hemmingsson, Anders
LoGerfo, Frank W. See Corson, John D.
Logue, V. See Kendall, B. E.
Loh, L. See Moseley, I. F.; Zilkha, E.
Loke, Jacob. See Putman, Charles E.
Loken, Merle. See Ashwal, Stephen
Lokich, Jacob. See Costello, Philip
Lonchampt, M. F. See Ancri, Daniel
Londeree, Ben R. See Parker, Brent M.
London, Linda A. See Laing, Faye C.
Long, Peter. See Mindelzun, Robert
Loop, John W. See Larson, Eric B.; Smith, Gerald R.
Lopata, Melvin. See Onal, Ergun
Lopez-Martin, V. See Pascual-Castroviejo, I.
Lorentzon, R. See Lundstrom, B.
Loria-Cortes, Rodrigo
—; Quesada-Calvo, Efraim; Cordero-Chaverri, Carlos: osteopetrosis in children: report of 26 cases (ab), **127:** 279, 1978
Losowsky, M. S. See Foster, D. N.
Lotter, Mattheus G. See Qureshi, Saeeda
Loudon, Robert G. See Sahebjami, Hamid
Lourenco, Ruy V. See Onal, Ergun
Louscher, Sheila. See Vanesian, Richard
Lovelace, D. Eugene. See Rasmussen, Susan
Lovett, Richard. See Hill, Thomas C.
Lowe, Betty. See Cockrill, Jr., H. Howard
Lowman, Robert M. See Belleza, Norberto A.
Lubbers, E. J. C. See Rosenbusch, G.
Lubin, E.
—; Rachima, M.; Oren, V.; Weininger, J.; Trumper, J.; Kozenitzky, I.; Rechnic, Y.: Tc-99m pyridoxylidene glutamate in jaundiced patients (ab), **128:** 286, 1978
Lubin, Jack. See Martinez, Luis O.
Lucaya, Javier
—; Gomez, Jose Luis; Molino, Ceferino; Atienza, Juan Gonzalez: congenital dilatation of the intrahepatic bile ducts (Caroli's disease), **127:** 746, 1978
Lucchesi, Benedict R. See Keyes, Jr., John W.
Lucci, Jr., Joseph A. See Richardson, Miriam M.
Ludbrook, Philip A. See Ruwitch, Joseph F.
Luk, Kenneth H.
—; Castro, Joseph R.; Meyler, Thomas S.: ^{137}Cs afterloading intrauterine packing for stage I and stage II adenocarcinoma of the endometrium, **129:** 229, 1978
Lukeman, John M. See deSantos, Luis Alonso
Lukin, Robert R. See Tomsick, Thomas A.
Luna, Rodrigo F. See Soto, Benigno
Lund, C. See Andersen, A. P.
Lund, David A. See Ulreich, Sidney
Lunderquist, A. See Sigstedt, B.
Lunderquist, Anders. See Forsberg, Lillemor; Ingemansson, Stig; Ring, Ernest J.
—; Borjesson, Bengt; Owman, Torben; Bengmark, Stig: isobutyl 2-cyanoacrylate (bucrylate) in obliteration of gastric coronary vein and esophageal varices, (AJR), **130:** 1, 1978
Lundstrom, B.
—; Lorentzon, R.; Larsson, S.-E.; Boquist, L.: angiography in giant-cell tumours of bone (ab), **128:** 278, 1978
Lunia, Chandrakanta. See Lunia, Shantilal
Lunia, Shantilal
—; Chodos, Robert B.; Lunia, Chandrakanta; Chandramouly, Belur S.: oxyphilic adenoma of the parotid gland: identification with ^{99m}Tc-pertechnetate, **128:** 690, 1978
Lutolf, U. M.
—; Schneider, E.; Glanzmann, Ch.; Nuesch, K.; Pfeiffer, F.; Krayenbuhl, H. P.; Horst, W.: year's experience with 201-thallium myocardial perfusion in the diagnosis of coronary perfusion defects (ab), **127:** 574, 1978
Lutrin, Calvin L.
—; McDougall, I. Ross; Goris, Michael L.: intense concentration of technetium-99m pyrophosphate in the kidneys of children treated with chemotherapeutic drugs for malignant disease, **128:** 165, 1978
Lutz, Myron H. See Underwood, Jr., Paul B.
Lwanga, S. K. See Olweny, C. L. M.
Lying-Tunell, Ulla
cerebrospinal fluid turnover and convexity block in mental impairment: controlled prospective study (ab), **126:** 833, 1978
Lynch, Theodore. See Drasin, George F.
Lynch, Thomas P.
—; Chase, Donald C.: arthrography in the evaluation of the temporomandibular joint, **126:** 667, 1978
Lyons, Edward A. See Boychuk, Rodney B.
Lyons, Harold A. See Amorosa, Judith Korek; Rosen, Yale
Lyons, Kenneth P. See Conroy, Robert M.
Lytton, Bernard. See Dean, Richard J.

M

Mabon, Robert F.
—; Soder, Parry D.; Carpenter, Walter A.; Giddens, Don P.: fluid dynamics in cerebral angiography, **128:** 669, 1978
McAfee, John G. See Wistow, Brian W.
McAlister, W. H. See Klint, R. B.
—; Keating, J. P.; Shackelford, G. D.: hyperalimentation catheter passing into the spinal canal causing temporary paraplegia (ab), **129:** 855, 1978
McAlister, William See Bell, Martin J.
McAlister, William H. See Lester, Patrick D.; Shackelford, Gary D.; Siegel, Marilyn J.
MacAllister, Niall P. See Yang, Shirley S. L.
MacAlpin, Rex. See Kolin, Alexander
MacAlpin, Rex N. See Steckel, Richard J.
McBride, William H. See Peters, Lester J.
McCaffrey, Joyce A. See Clouse, Melvin E.; Rudders, Richard A.
McCall, Iain W.
—; Moule, Neville; Desai, Patricia; Serjeant, Graham R.: urographic findings in homozygous sickle cell disease, **126:** 99, 1978
McCallum, R. W. See Colapinto, V.
McCarthy, Dennis. See Bender, Robert L.
McCarthy, Joseph. See Adler, Jonathan
McCartney, William H. See Prather, Jerry L.; Staab, Edward V.
MacCarty, Robert Lee. See Davis, George D.; Sheedy, II, Patrick F.
McCauley, Dorothy. See Firooznia, Hossein
McCauley, Roy G. K. See Darling, Donald B.
—; Darling, Donald B.; Leonidas, John C.; Schwartz, Alan M.: gastroesophageal reflux in infants and children: useful classification and reliable physiologic technique for its demonstration, (AJR), **130:** 47, 1978
McClelland, Robert. See Janes, Jefferson O.
McClelland, Robert R. See Ramirez-Lassepas, Manuel
McClennan, Bruce L. See Lee, Joseph K. T.
McCook, Thomas A.
—; Felman, Alvin H.: esophageal atresia, duodenal atresia, and gastric distention: report of two cases, (AJR), **131:** 167, 1978
—; Felman, Alvin H.; Ayoub, Elia: streptococcal skeletal infections: observations in four infants, (AJR), **130:** 465, 1978
McCormack, Lawrence J. See Lalli, Anthony F.
McCormack, Lawrence R.
—; Seat, Stanley G.; Strum, Williamson B.: pancreatic carcinoma: survival following detection by ultrasonic scanning (ab), **126:** 557, 1978
McCormack, Patricia M.
—; Bains, Manjit S.; Beattie, Edward J.; Martini, Nael: pulmonary resection in metastatic carcinoma (ab), **128:** 273, 1978
McCormick, Thomas L.
—; Cho, Kyung J.: angiographic findings in renal amyloidosis, (AJR), **129:** 855, 1977
McCormick, William F. See Sarwar, Mohammad
McCrea, C. U. See Bailey, R. R.
McCredie, Janet
—; Reid, Ian S.: congenital diaphragmatic hernia associated with homolateral upper limb malformation: study of possible pathogenesis in four cases (ab), **129:** 853, 1978
McCulloch, Roy. See Dworkin, Howard J.
McCullough, Edwin C.
—; Payne, J. Thomas: patient dosage in computed tomography, **129:** 457, 1978
potentials of computed tomography in radiation therapy treatment planning, **129:** 765, 1978
McCurdy, Richard R. See Humphries, Jr., William C.
McDaniel, Dwight C. See Prescott, Stephen M.
MacDonald, Alan S. See Belitsky, Philip
Macdonald, Constance. See Hanson, James W.
McDonald, Daniel G. See Weinrauch, Larry A.
MacDonald, G. J. See Jones, B. J.
McDonald, Gail. See Sahn, David J.; Wing, Jennifer P.
MacDonald, John T.
—; Weitz, Raphael; Sher, Phyllis K.: intrauterine chronic subdural hematoma (ab), **128:** 269, 1978
McDonald, Marilyn M. See Rumack, Carol M.
MacDonald, Jr., William J. See Kling, Lawrence E.
—; Crawford, Michael H.; Klippel, John H.; Zvaifler, Nathan J.; O'Rourke, Robert A.: echocardiographic assessment of cardiac structure and function in patients with rheumatoid arthritis (ab), **128:** 283, 1978
McDonough, Michael T. See Humphries, Jr., William C.
McDougall, I. Ross. See Lutrin, Calvin L.
McDowell, L. Jane. See Wigh, Russell E.
MacEwan, Douglas W.
—; Kavanagh, Steven; Chow, Peter; Tishler, Jack M.: Manitoba barium enema efficacy study, **126:** 39, 1978
McFadden, Samuel W. See Nealis, James G. T.

McFarland, Thomas M.
—; Alam, Mohsin; Goldstein, Sidney; Pickard, Sol D.; Stein, Paul D.: echocardiographic diagnosis of left ventricular hypertrophy (ab), **129:** 284, 1978
McFarland, Warren. See Granmayeh, Masood
McFarland, William D. See Tully, Richard J.
McGahan, John P.
—; Bogren, Hugo G.; Foerster, James M.; Mason, Dean T.: subclavian artery aneurysm: unique late complication of Blalock-Taussig anastomosis, (AJR), **130:** 1181, 1978
McGinnis, Carolyn M. See Flehinger, Betty J.
McGoon, Dwight C. See Davis, George D.
MacGregor, B. J. L. See Frisen, L.
McGregor, D. H.
—; Land, C. E.; Choi, K.; Tokuoka, S.; Liu, P. I.; Wakabayashi, T.; Beebe, G. W.: breast cancer incidence among atomic bomb survivors, Hiroshima and Nagasaki, 1950–1969 (ab), **126:** 287, 1978
MacGregor, Rob Roy. See Miller, Wallace T.
McGrory, Bruce E.
—; Fenichel, Gerald M.: hangman's fracture subsequent to shaking an infant (ab), **128:** 278, 1978
McHattie, J. See McLoughlin, M. J.
McHeffy, Barbara. See Curtin, Charles T.
Machida, Toyohei. See Tada, Shimpei
McIlmoyle, Gaellan
—; Holman, B. Leonard; Davis, Michael; Chandler, Harold L.: portable radioxenon trap and patient ventilation system, **127:** 544, 1978
McInerney, D. P.
—; Middlemiss, J. H.: giant-cell tumour of bone (ab), **129:** 279, 1978
McInnis, W. David. See Pridgen, Jr., James E.
McIntosh, Sue
—; Fischer, Diana B.; Rothman, Stephen G.; Rosenfield, Nancy; Lobel, Jeffrey S.; O'Brien, Richard T.: intracranial calcification in childhood leukemia: association with systemic chemotherapy (ab), **128:** 561, 1978
MacIntyre, I. See Lavender, J. P.
McIntyre, N. G.
—; Brebner, D. M.; Gluckman, J.: primary cavernous haemangioma of the frontal bone: case report (ab), **127:** 276, 1978
McIntyre, Patricia A. See Yang, Shirley S. L.
MacIntyre, William J. See Cradduck, Trevor D.
McKay, Joyce. See Henry, Walter L.
McKay, W. J. See Andrews, J. T.
McKee, Kelly A. See Schabel, Stephen I.
McKenzie, C. G. See Lenzi, G. L.
McKinley, C. Richard. See Hartig, Paul R.
McKinney, Richard G. See Moore, Jr., Paul H.
McKinney, William. See Blackwell, Eric
McKnight, Robert C. See Ruwitch, Joseph F.
McKusick, Kenneth A. See Norris, Stephen; Novelline, Robert A.
McKusick, Victor A. See Come, Patricia C.
McLane, Robert C.
—; Meyer, Leslie C.: axillary hibernoma: review of the literature with report of a case examined angiographically, **127:** 673, 1978
McLarty, Jerry W. See Libshitz, Herman I.
McLaughlin, Stephen M. See Foster, Stanley C.
McLaulin, Bryce. See Meredith, Hubert C.
McLean, Gordon K.
—; Edell, Steven L.: determination of bladder volumes by gray scale ultrasonography, **128:** 181, 1978
McLelland, Robert. See Hainline, Sarah; Older, Robert A.
McLennan, James E. See Arkins, Thomas J.; Baker, Richard A.
McLeod, Richard A.
—; Gisvold, John J.; Stephens, David H.; Beabout, John W.; Sheedy, II, Patrick F.: computed tomography of soft tissues and breast, (SR), **13:** 267, 1978
—; Stephens, David H.; Beabout, John W.; Sheedy, II, Patrick F.; Hattery, Robert R.: computed tomography of the skeletal system, (SR), **13:** 235, 1978
McLoud, Theresa C. See Bein, M. E.; Greene, Reginald
—; Kalisher, Lester; Stark, Paul; Greene, Reginald: intrathoracic lymph node metastases from extrathoracic neoplasms, (AJR), **131:** 403, 1978
McLoughlin, Christopher. See Fishbone, Gerald
McLoughlin, M. J. See Aldridge, H. E.; Taylor, K. W.
—; Ho, C. S.; Langer, B.; McHattie, J.; Tao, L. C.: fine needle aspiration biopsy of malignant lesions in and around the pancreas (ab), **129:** 564, 1978
McLoughlin, Martin G. See Sanders, Roger C.
McLoughlin, Michael J.
—; Miskin, Murray; Thompson, Carol P.: congenital cystic disease of the liver: isotope scanning, ultrasonography and angiography (ab), **128:** 276, 1978
MacMahon, Heber
—; Bekerman, Carlos: diagnostic significance of gallium lung uptake in patients with normal chest radiographs, **127:** 189, 1978
—; O'Connell, Denis J.; Cimochowski, George E.: pedunculated endotracheal metastasis, (AJR), **131:** 713, 1978
MacMillan, Jr., Alexander S. See Momose, K. Jack
MacMillan, Bruce G.
—; Fritzhand, Martin D.; Spitz, Harold B.: milk of calcium in the ureter, **127:** 376, 1978
McMillan, James J.
—; Williams, Bernard: aqueduct stenosis: case review and discussion (ab), **127:** 849, 1978
MacMoran, Jay W. See Pavlov, Helene
McNamara, Dan G. See Gutgesell, Howard P.
McNeil, Barbara J. See Abrams, Herbert L.; Hill, Thomas C.; Jeffcoat, Marjorie K.
Macon, Edwin J. See Kottle, Sheldon Paul
McReynolds, Richard A.
—; Shin, Myung Soo; Sims, Richard D.: three-channeled aortic dissection, (AJR), **130:** 549, 1978
McRoberts, J. William. See Whisnant, Joseph D.
McShan, Daniel. See Reinstein, Lawrence E.
McSweeney, Marjorie M. See Egan, Robert L.
McWhorter, Joe M. See Moody, Dixon, M.
Madayag, Manuel A. See Ambos, Marjorie A.
—; Bosniak, Morton A.; Kinkhabwala, Mahesh; Becker, Joshua, A.: hemangiomas of the liver in patients with renal cell carcinoma, **126:** 391, 1978
Maddrey, Willis C. See Kaufman, Stephen L.; Yang, Shirley S. L.
Madrazo, Beatrice L. See Sandler, Michael A.
Madsen, Bent
assessment of the radiologist's work load as related to various examinations and clinical departments, **126:** 121, 1978
Maeda, Tatsuo. See Hisada, Kinichi
Maekoshi, Hisashi. See Shiozawa, Zenji
Magilavy, Daniel B.
—; Speert, David P.; Silver, Terry M.; Sullivan, Donita B.: mucocutaneous lymph node syndrome: report of two cases complicated by gallbladder hydrops and diagnosed by ultrasound (ab), **129:** 860, 1978
Magilner, Arthur D.
—; Ostrum, Bernard J.: computed tomography in the diagnosis of renal masses, **126:** 715, 1978
Maginness, M. G.
gray scale performance of displays for dynamic ultrasound imaging (ab), **127:** 859, 1978
Magno, Joana. See Larson, Eric B.
Magre, George. See Forrester, D. M.
Maguire, Roderick
—; Fauci, Anthony S.; Doppman, John L.; Wolff, Sheldon M.: unusual radiographic features of Wegener's granulomatosis, (AJR), **130:** 233, 1978
Mahboubi, Soroosh
—; Spackman, Thomas J.: ectopic vas deferens: report of two cases and review of the literature, (AJR), **130:** 1093, 1978
Mahoney, Maurice J. See Bidot-Lopez, Pascual
Mailing, T. M. J. See Bailey, R. R.
Maillard, A. A. J.
—; Goepfert, H.: nasal and paranasal sarcoidosis (ab), **129:** 850, 1978
Mainzer, Frank. See Rennell, Charles
Mair, Douglas D. See Davis, George D.
Maira, G. See Belloni, G.
Maire, R. See Howald, H.
Maisel, R. H.
—; Johnston, W. H.; Anderson, H. A.; Cantrell, R. W.: necrotizing sialometaplasia involving the nasal cavity (ab), **127:** 848, 1978
Maixner, William. See Hummel, Brian W.
Majied, H. A.
—; Kvasnicka, J.: juvenile rheumatoid arthritis with cardiac tamponade (ab), **129:** 857, 1978
Makela, P.
—; Virtama, P.: 'pre-erosive' radiologic signs of rheumatoid arthritis in soft tissue radiography of the hands (ab), **129:** 281, 1978
Makerewica, Len. See Holgate, Richard C.
Makhija, Mohanlal C.
—; Bronfman, Howard J.; Lange, Robert C.; Glenn, William L.; Gottshalk, Alexander: ventilation patterns mimicking COPD in patients with diaphragmatic pacing for Ondine's curse, **129:** 111, 1978
Makino, Nobuichi. See Shiozawa, Zenji
Maklad, Nabil F.
—; Wright, Carl H.: grey scale ultrasonography in the diagnosis of ectopic pregnancy, **126:** 221, 1978
Maklansky, Daniel. See Marshak, Richard H.
Makler, Jr., P. Todd
—; Eymontt, Michael J.; Bloch, Peter; Koch, Kaaron: effect of small amounts of ^{131}I on ^{99m}Tc detection by the scintillation camera (ab), **126:** 559, 1978
Malagola, Claudio. See Monti, Carlo
Malangoni, Mark A. See Guest, James A.
Malave, Jr., Salvador. See Rogers, Lee F.
Malcom, Jack E. See Richman, Chaim
Maldague, Baudouin E.
—; Noel, Henry M.; Malghem, Jacques J.: intravertebral vacuum cleft: sign of ischemic vertebral collapse, **129:** 23, 1978
Malghem, Jacques J. See Maldague, Baudouin E.
Malini, Srini. See Richardson, Miriam M.
Malkasian, Dennis. See DiTullio, Jr., Michael V.
Mall, Jay C. See Schumacher, Timothy M.
Mallet, E. See Denavit, M.-F.
Mancuso, Anthony A.
—; Calcaterra, Thomas C.; Hanafee, William N.: computed tomography of the larynx, (RCNA), **16:** 195, 1978
Mandell, Gerald A.
association of antral diaphragms and hypertrophic pyloric stenosis, (AJR), **131:** 203, 1978
pedicle in neurofibromatosis, (AJR), **130:** 675, 1978
—; Rosenberg, Henrietta K.; Schnaufer, Louise: prolonged retention of foreign bodies in the stomach (ab), **127:** 566, 1978
Mandybur, T. I.
intracranial hemorrhage caused by metastatic tumors (ab), **127:** 844, 1978
Mangi, Richard J. See Weinstein, Melvin P.
Mangurten, Henry H.
—; Ippoliti, John; Besser, Arthur S.: pneumoperitoneum in the extremely low-birth-weight infant: successful nonoperative treatment (ab), **126:** 275, 1978
Manheimer, Leon H. See Martinez, Luis O.
Mani, Richard L. See Eisenberg, Ronald L.; Lamb, Sharon A.
Maniscalco, Jack E.
—; Habal, Mutaz B.: microanatomy of the optic canal (ab), **129:** 847, 1978
Manny, Jonah. See Liebman, Paul R.
Manocha, Kundan L. See Dixit, Jagannath K.
Manspeaker, Henry F. See Alderson, Philip O.
Mansur, Paula S. See Shore, Roy E.
Mantel, K. See Dohlemann, C.
Mantravadi, Rao
—; Liebner, Edwin J.; Ginde, Jayant V.; Haas, Richard E.: orthogonal xeroradiography for ^{125}I seed implantation, **127:** 832, 1978
Maor, Moshe
—; Chan, Rafael C.; Young, Sue Ellen: radiotherapy of choroidal metastases: breast cancer as primary site (ab), **127:** 288, 1978
Marache, Ph. See Remy, J.
Maravilla, Ann. See Gerlock, Jr., Amil James
Maravilla, Kenneth R.
computer reconstructed sagittal and coronal computed tomography head scans: clinical applications (ab), **129:** 272, 1978
—; Dowdey, J. E.; Moore, John: improved method for computed tomography of the base of the skull in head scanners that utilize a water bag (ab), **128:** 269, 1978
improved method of evaluating the cervico-thoracic junction in lateral tomography and air myelography, **127:** 542, 1978
—; Cooper, Paul R.; Sklar, Frederick H.: influence of thin-section tomography on the treatment of cervical spine injuries, **127:** 131, 1978
—; Pastel, Mary S.; Kirkpatrick, Joel B.: white matter of the cerebellum demonstrated by computed tomography: normal anatomy and physical principles (ab), **129:** 271, 1978
Marberger, Michael
—; Georgi, Max; Guenther, Rolf; Hohenfellner, Rudolf: simultaneous balloon occlusion of the renal artery and hypothermic perfusion in in situ surgery of the kidney (ab), **128:** 857, 1978
Marchal, G. See Forget, P.
Marcos, J. See Ramos, L.
Marcove, Ralph C. See Ahuja, Subash C.
Marcus, Harold S. See Bassan, Mayer
Marcus, Melvin L. See Verani, Mario S.
Margolis, Harold S.
—; Subbarao, Kakarla; Pitt, Michael J.; Boyer, John: residual osteoarticular lesions due to smallpox, with secondary degenerative joint disease (ab), **129:** 280, 1978

Margulis, A. R. See Eisenberg, R. L.
Margulis, Alexander R. See Kressel, Herbert Y.; Montagne, Jean-Philippe; Thoeni, Ruedi F.
Mariano, Marnela. See Geraci, Joseph P.
Marion, M. A. See Williams, J. A. R.
Mark, Gene J. See Davis, James M.; Harbin, William P.
Markis, John E. See Goldberg, Sheldon
Markovits, Paul. See Castellino, Ronald A.
Marks, Asher. See Carrington, Charles B.
Marks, Daniel S. See Carrilo, Antonio P.
Marks, James E.
—; Oliver, George D.; Velkley, Donald: method of increasing the linear activity of ^{192}Ir sources for interstitial implantation, **128:** 511, 1978
Marks, Richard A. See Bhatt, Dilip R.
Marks, William M.
—; Jacobs, Richard P.; Clark, Robert E.: neoplastic pseudoaneurysm of the superior mesenteric artery, **126:** 622, 1978
Marmar, Joel L. See Debenedictis, Thomas J.; Pollack, Howard M.
Maron, Barry J.
—; Gottdiener, John S.; Roberts, William C.; Henry, Walter L.; Savage, Daniel D.; Epstein, Stephen E.: left ventricular outflow tract obstruction due to systolic anterior motion of the anterior mitral leaflet in patients with concentric left ventricular hypertrophy (ab), **128:** 274, 1978
—; Clark, Chester E.; Goldstein, Robert E.; Epstein, Stephen E.: sudden infant death syndrome (SIDS): echocardiographic studies in relatives of infants with SIDS (ab), **127:** 859, 1978
Maroon, Joseph C. See Jannetta, Peter J.
—; Bank, William O.; Drayer, Burton P.; Rosenbaum, Arthur E.: intracranial biopsy assisted by computerized tomography (ab), **127:** 843, 1978
Maroteaux, P. See Beauvais, P.
Marpole, D. See Patton, R.
Marryatt, Gary. See Henderson, Robert D.
Marsden, Richard J. See Ghaed, Nasser
Marsh, Donald G. See Ramirez-Lassepas, Manuel
Marshak, Richard H.
—; Lindner, Arthur E.; Maklansky, Daniel: familial polyposis (ab), **126:** 278, 1978
—; Lindner, Arthur E.; Maklansky, Daniel: pneumatosis cystoides coli (ab), **127:** 565, 1978
Marshall, F. See Rost, A.
Marshall, Fay F. See De Klerk, Daniel P.
Marshall, II, Jay P.
—; Smith, Philip D.; Hoyumpa, Jr., Anastacio M.: gastric varices: problem in diagnosis (ab), **128:** 275, 1978
Marshall, Larry. See Lin, Shu-Ren
Marshall, Richard. See Bell, Martin J.
Marshall, William H. See Breiman, Richard S.
Marshall, Jr., William H. See Harell, George S.; Robbins, Barry
Martel, William. See Braunstein, Ethan M.; Cho, Kyung J.; Goldman, Amy Beth
Martimbeau, P. See Kjorstad, K. E.
Martin, E. C. See Gordon, D. H.
Martin, Jr., Edward W. See Evans, William E.
Martin, Eric C. See Behan, Michael; Phillips, Gail N.
—; Wixson, David; Baltaxe, Harold A.: regional ejection fractions in patients with patent and thrombosed grafts after coronary artery vein bypass surgery (ab), **126:** 551, 1978
Martin, Flavious B.
technique quebecoise de dosimetrie clinique (bk rev), **129:** 168, 1978
Martin, G. See Broadfoot, E.
Martin, Lester W. See Dine, Mark S.
Martin, Martha. See Merlo, Richard B.
Martin, T. A. See Deeb, Z. L.
Martinez, A. Julio. See Dubois, Philip J.
Martinez, Luis O.
—; Manheimer, Leon H.; Casal, German L.; Lubin, Jack: malignant fistulae of the gastrointestinal tract, (AJR), **131:** 215, 1978
Martinez, Salutario. See Miller, Michael D.
Martinez-Bermejo, A. See Pascual-Castroviejo, I.
Martini, Nael. See Flehinger, Betty J.; McCormack, Patricia M.; Wittes, Robert E.
Martins, Albert N. See Susac, John O.
—; Johnston, James S.; Henry, James M.; Stoffel, Thomas J.; Di Chiro, Giovanni: delayed radiation necrosis of the brain (ab), **128:** 287, 1978
Martsolf, John T. See Hunter, Alasdair G. W.
Marty, Alan T. See Poleynard, Gary D.
Marty, Raymond. See Carter, Stephen J.
Maruyama, Yosh. See Tai, Douglas L.
Marx, William J. See O'Connell, Denis J.
reduction of jejunogastric intussusception during upper gastrointestinal examination, (AJR), **131:** 334, 1978
Mary, H. See Lamarque, J. L.
Marzoli, G. P. See Pistolesi, G. F.
Mascatello, V. J. See Bloom, Robert
—; Carrera, G. F.; Telle, R. L.; Berger, M.; Holm, H. H.; Smith, E. H.: ultrasonic demonstration of gastric lesions (ab), **128:** 283, 1978
Mascatello, Vincent. See Berger, Marc
Mascatello, Vincent J. See Grant, Edward G.
Masera, G.
—; Carnelli, V.; Ferrari, M.; Recchia, M.; Bellini, F.: prognostic significance of radiological bone involvement in childhood acute lymphoblastic leukaemia (ab), **127:** 568, 1978
Masi, Alfonse T. See Sebes, Jeno I.
Mason, Dean T. See DeMaria, Anthony N.; McGahan, John P.; Stadalnik, Robert C.
Mason, Jay W. See Bristow, Michael R.
Mason, K. See Dubravsky, N. B.
Mason, Kathryn. See Peters, Lester J.
Mason, Maris. See Sahn, David J.
Mason, Sabry E. See Giustra, Peter E.
Mason, W. F. See Campbell, D. R.
Massie, Barry M. See Schor, Robert A.; Sharpe, D. Norman
—; Schiller, Nelson B.; Ratshin, Robert A.; Parmley, William W.: mitral-septal separation: new echocardiographic index of left ventricular function (ab), **126:** 283, 1978
Mastri, Angeline. See Lebow, Steven
Masuda, Fujio. See Tada, Shimpei
Mathews, Robert A. See Park, Sang C.
Mathias, K.
—; Waldmann, D.; Daikeler, G.; Kauffmann, G.: intrahepatic cystic bile duct dilatations and stone formation: new case of Caroli's disease (ab), **128:** 567, 1978
Mathis, John. See Gerlock, Jr., Amil James
Matsubara, Rodney
—; Konrad, Horst; Hanafee, William N.: incudostapedial joint in health and disease, (AJR), **131:** 307, 1978
Matsuda, I. See Handa, J.
Matsukubo, Haruo. See Asayama, Jun
Matsumoto, Masayuki
—; Matsuo, Hirohide; Ohara, Tatsuhiko; Yoshioka, Yukio; Abe, Hiroshi: two-dimensional echoaortocardiographic approach to dissecting aneurysms of the aorta to prevent false-positive diagnoses, **127:** 491, 1978
Matsumoto, Stewart. See Pease, Howard F.
Matsuo, Hirohide. See Matsumoto, Masayuki
Matsuura, Keichi. See Komaki, Senichiro
Matsuura, Keiichi. See Kishikawa, Takashi; Numaguchi, Yuji
Matsuura, Tohru. See Asayama, Jun
Mattei, Marzio. See Monti, Carlo
Mattey, William E. See Rothberg, Murray
Matthay, Richard A. See Putman, Charles E.
Matthews, A. See Palomar, J. M.
Matthews, George R. See Herman, Richard D.
Matthews, W. B.
—; Beasley, Patrick; Parry-Jones, William; Garland, G.: spasmodic torticollis: combined clinical study (ab), **129:** 846, 1978
Mattsson, W.
—; Gynning, I.; Trope, C.; Åstedt, B.: chemotherapy of metastatic carcinoma of the breast: 4-drug regimen (ab), **127:** 861, 1978
Matzuk, Terrance. See Skolnick, M. Leon
Mau, H.
scoliosis and spondylolysis-spondylolisthesis (ab), **128:** 568, 1978
Mauceri, Richard A. See Rosenblum, Lawrence J.
Mauch, Peter. See Goodman, Robert
Mauch, Peter M. See Fraser, Robert W.
Mauer, Alvin M. See Pratt, Charles B.
Mauler, George G. See Renner, Robert R.
Mavroudis, Constantine
—; Townsend, Jeannette J.; Wilson, Charles B.: metastasizing ependymoma of the cauda equina: case report (ab), **129:** 281, 1978
Maxon, Harry R. See Thomas, Stephen R.
—; Thomas, Stephen R.; Saenger, Eugene L.; Buncher, C. Ralph; Kereiakes, James G.: ionizing irradiation and the induction of clinically significant disease in the human thyroid gland (ab), **128:** 287, 1978
Maxwell, Robert E.
—; Chou, Shelley N.: aneurysmal tumors of the basifrontal region (ab), **126:** 547, 1978
May, C. See Burns, Patricia E.
May, Mark
nasofrontal-ethmoidal injuries (ab), **127:** 848, 1978
Mayer, Barry S. See Rosch, Josef
Mayer, Philip J.
—; Evarts, C. McCollister: fracture-dislocation of the ankle with posterior entrapment of the fibula behind the tibia: recognition and management (ab), **129:** 569, 1978
Mayers, Marguerite M.
—; Kaufman, David M.; Miller, Michael H.: recent cases of intracranial tuberculomas (ab), **129:** 558, 1978
Maynard, C. Douglas
nuclear cardiology: principles and methods (bk rev), **127:** 726, 1978
Mayne, V. See Oberklaid, F.
Mazess, Richard B.
bone mineral in Vilcabamba, Ecuador, (AJR), **130:** 671, 1978
Meade, Robert C. See Yeh, En-Lin
Meaney, Thomas F. See Haaga, John R.
Medline, A. See Sutherland, L. R.
Meeks, Wrophus. See Harris, Vivian J.
Meema, H. E.
recognition of cortical bone resorption in metabolic bone disease in vivo (ab), **126:** 836, 1978
—; Oreopoulos, Dimitrios G.; Meema, Silvia: roentgenologic study of cortical bone resorption in chronic renal failure, **126:** 67, 1978
Meema, Silvia. See Meema, H. Erik
Meese, W. See Steinhoff, H.; Wende, S.
Meguid, Michael. See Lewicki, Ann M.
Mehigan, John T. See Walter, Joseph F.
Mehta, M. H.
—; Murray, R. O.: scoliosis provoked by painful vertebral lesions (ab), **127:** 280, 1978
Mehta, Sharad P. See Singh, Bhurji N.
Meiers, Walter. See Pereiras, Raul V.
Meira, Joao B. B. See Gamma, Christovao
Meire, H. B. See Dewbury, K. C.
Meissner, H.-J.
gastric outlet stenosis from Crohn disease (ab), **126:** 552, 1978
Meister, Peter. See Scherer, Ulla
Meixell, Linda L. See Ogawa, Satoshi
Mekhjian, Hagop. See Fromkes, John
Melamed, Myron. See Wittes, Robert E.
Melamed, Myron R. See Flehinger, Betty J.; Kim, Jae Ho
Melancon, Denis. See Scotti, Giuseppe; Tchang, Stanley
Melchior, S. See Forget, P.
Meller, Jose. See Brik, Henry; Millman, Arthur
Mellins, Harry Z.
radiologic diagnosis of renal parenchymal disease. vol. 2 of Saunders monographs in clinical radiology. (bk rev), **126:** 110, 1978
radionuclides in urology, urological ultrasonography. percutaneous puncture nephrostomy. supplement to vol. V/I of handbuch der urologie (bk rev), **129:** 344, 1978
Melnick, Michael
—; Shields, Edward D.; El-Kafrawy, A. H.: tricho-dento-osseous syndrome: scanning electron microscope analysis (ab), **127:** 569, 1978
Melo, Agustin. See Emami, Bahman
Melson, G. Leland. See Karstaedt, Nolan
Membreno, Alejandro. See Lewicki, Ann M.
Mendelson, Jack H. See Kuehnie, John
Mendenhall, K. G. See Alderson, P. O.
Mendenhall, Karl G. See Alderson, Philip O.
Menendez-Botet, Celia J. See Lightdale, Charles J.
Menichelli, F. See Cabanis, E. A.; Salvolini, U.
Menke, James A. See Vaughan, Russell S.
Mennemeyer, Ralph. See Goldman, Martin L.
Menon, Shameen
—; Wagner, Jr., Henry N.; Tsan, Min-Fu: studies on gallium accumulation in inflammatory lesions: II. uptake by Staphylococcus aureus: concise communication (ab), **128:** 285, 1978
Menzoian, James O. See Corson, John D.
Meradji, M.
—; de Villeneuve, V. H.; Huber, J.; de Bruijn, W. C.; Pearse, R. G.: idiopathic infantile arterial calcification in siblings: radiologic diagnosis and successful treatment (ab), **129:** 562, 1978
Mercier, Bettie A. See Greenes, Robert A.
Meredith, Herbert C. See Rittenberg, Gerald M.
Meredith, Hubert C.
—; Cogan, Brad M.; McLaulin, Bryce: pleural aspergillosis, (AJR), **130:** 164, 1978
—; Rittenberg, Gerald M.: pneumoarthropathy: unusual radiographic sign of Gram-negative septic arthritis, **128:** 642, 1978
Meringoff, Brian N. See Goldman, Stanford M.
Merlo, Richard B.
—; Stone, Margie; Baugus, Pat; Martin, Martha: use of pro-banthine to induce gastrointestinal hypotonia, **127:** 61, 1978

Merory, John. See Blackwell, Eric
Merrin, C. See Winterberger, A. R.
Merten, David F.
comparison radiographs in extremity injuries of childhood: current application in radiological practice, **126:** 209, 1978
—; Leung, Kenneth; Goller, David S.: infant botulism: unusual cause of intestinal hypomotility, (AJR), **131:** 523, 1978
—; Vogel, John M.; Adelman, Raymond D.; Goetzman, Boyd W.; Bogren, Hugo G.: renovascular hypertension as a complication of umbilical arterial catheterization, **126:** 751, 1978
Messer, Joseph V. See Turner, David A.
Messerschmidt, Gerald L. See Faer, Michael J.
Messina, Albert B. See Stevens, Edwin A.
Metheny, John A.
dermatomyositis: vocal and swallowing disease entity (ab), **129:** 848, 1978
Metherell, Alexander. See Vanesian, Richard
Mettler, Jr., Fred A. See Moore, Jr., Paul H.
Metzger, Judith. See Steckel, Richard J.
Meyer, George W. See Latchaw, Richard E.
Meyer, Glenn A. See Haughton, Victor M.
Meyer, Jack E.
thoracic effects of therapeutic irradiation for breast carcinoma, (AJR), **130:** 877, 1978
Meyer, Leslie C. See McLane, Robert C.
Meyer, L.-N.
—; Garat, P.; Sorin, M.; Hayem, F.; Mozziconacci, P.: clinical forms of chronic arthritis in children (ab), **126:** 280, 1978
—; Garat, P.; Sorin, M.; Hayem, F.; Mozziconacci, P.: evolution and prognosis of systemic forms of chronic juvenile arthritis (ab), **126:** 280, 1978
—; Garat, P.; Sorin, M.; Hayem, F.; Mozziconacci, P.: serous involvement in chronic arthritis in children (ab), **126:** 280, 1978
Meyer, Richard A. See Johnson, Gregory L.
Meyers, Harvey I. See Halls, James M.
Meyers, Marvin H.
—; Telfer, Nancy; Moore, Tillman M.: determination of the vascularity of the femoral head with technetium 99m-sulphur-colloid: diagnostic and prognostic significance (ab), **127:** 860, 1978
Meyers, Morton A. See Ghahremani, Gary G.
colonic ileus (ab), **126:** 552, 1978
—; Ghahremani, Gary G.; Clements, Jr., James L.; Goodman, Kenneth: pneumatosis intestinalis (ab), **127:** 565, 1978
Meyler, Thomas S. See Luk, Kenneth H.
Miale, Jr., August. See Barkin, Jamie
Michal, III, John A.
—; Coleman, R. Edward: localization of ^{67}Ga citrate in a mycotic aneurysm, (AJR), **129:** 1111, 1977
Michielli, Donald. See Stein, Richard A.
Michielsen, P. See Baert, A. L.
Middlemiss, J. H. See McInerney, D. P.
Miers, Walter. See Pereiras, Raul
Miet, G. See Julien, J.
Mijnheer, Ben J. See Broerse, Johan J.
Mikesell, Helen H. See Yang, Shirley S. L.
Mikhael, Michael. See Co, Ben T.
Mikhael, Michael A.
radiation necrosis of the brain: correlation between computed tomography, pathology, and dose distribution (ab), **128:** 287, 1978
Miki, Makoto. See Tada, Shimpei
Mikity, Victor. See Lewin, George A.
Milbrath, John. See Fox, Stanley H.
Milgram, James W.
—; Rogers, Lee F.; Miller, John W.: osteochondral fractures: mechanisms of injury and fate of fragments, (AJR), **130:** 651, 1978
radiological and pathological manifestations of osteochondritis dissecans of the distal femur: study of 50 cases, **126:** 305, 1978
Millan, Victor G.
retrieval of intravascular foreign bodies using a modified bronchoscopic forceps, **129:** 587, 1978
Millard, F. J. C. See Allen, E. H.
Miller, Daniel. See Fitzgerald, Patrick J.
Miller, Edward I.
—; Thomas, Roger H.; Lines, Patricia: atrophic postmenopausal uterus (ab), **126:** 557, 1978
Miller, Edward M.
—; Newton, Thomas H.: extra-axial posterior fossa lesions simulating intra-axial lesions on computed tomography, **127:** 675, 1978
Miller, Jr., Franklin J. See Schroeder, Franz Michael
—; Rankin, Ronald S.; Gliedman, Jeffrey B.; Nakashima, Edwin: experimental internal iliac artery embolization: evaluation of low viscosity silicone rubber, isobutyl 2-cyanoacrylate, and carbon microspheres, **129:** 51, 1978
Miller, John H. See Gates, Gary F.; Stanley, Philip
—; Gates, Gary F.; Landing, Benjamin H.; Kogut, Maurice D.; Roe, Thomas F.: scintigraphic abnormalities in glycogen storage disease (ab), **128:** 861, 1978
Miller, John W. See Milgram, James W.
Miller, Michael D.
—; Johnsrude, Irwin S.; Limberakis, Anthony J.; Jackson, Donald C.; Pizzo, Salvatore; Thompson, William M.: clinical use of transcatheter electrocoagulation, **129:** 211, 1978
—; Gehweiler, John A.; Martinez, Salutario; Charlton, Oliver P.; Daffner, Richard H.: significant new observations on cervical spine trauma, (AJR), **130:** 659, 1978
Miller, Michael H. See Mayers, Marguerite M.
Miller, Robert W. See Jablon, Seymour
Miller, Roscoe E. See Peterson, Gary H.
barium enema in the high-risk carcinoma patient—epilogue (L), **127:** 271, 1978
—; Chernish, Stanley M.; Brunelle, Rocco L.; Rosenak, Bernard D.: dose response to intramuscular glucagon during hypotonic radiography, **127:** 49, 1978
—; Chernish, Stanley M.; Brunelle, Rocco L.; Rosenak, Bernard D.: double-blind radiographic study of dose response to intravenous glucagon for hypotonic duodenography, **127:** 55, 1978
—; Peterson, Gary H.: drainage of the rectum: simple maneuver to improve the accuracy of colon examinations, **128:** 506, 1978
—; Lehman, Glen: polypoid colonic lesions undetected by endoscopy, **129:** 295, 1978
Miller, Stephen W.
—; Dinsmore, Robert E.; Greene, Reginald E.; Daggett, Willard M.: coronary, ventricular, and pulmonary abnormalities associated with rupture of the interventricular septum complicating myocardial infarction, (AJR), **131:** 571, 1978
Miller, Tom R.
—; Siegel, Barry A.; Fair, William R.; Smith, E. Kaye; Welch, Michael J.: imaging of canine tumors with ^{11}C-methylputrescine, **129:** 221, 1978
Miller, W. Eugene. See Stephens, David H.
Miller, Wallace T.
—; Husted, James; Freiman, David; Atkinson, Barbara; Pietra, Giuseppe G.: bronchioloalveolar carcinoma: two clinical entities with one pathologic diagnosis, (AJR), **130:** 905, 1978
—; Turner, Robert; Lipshutz, William; Rittenberg, Gerald; Schumacher, H. Ralph; Cohen, Sidney: esophagus in collagen disease: radiologic findings (ab), **127:** 279, 1978
—; MacGregor, Rob Roy: tuberculosis: frequency of unusual radiographic findings, (AJR), **130:** 867, 1978
Miller, Walter E. See Davis, George D.
Millis, James B. See Fleischer, Arthur C.
Millman, Arthur
—; Meller, Jose; Motro, Michael; Blank, Howard S.; Horowitz, Isidore; Herman, Michael V.; Teichholz, Louis E.: pericardial tumor or fibrosis mimicking pericardial effusion by echocardiography (ab), **126:** 283, 1978
Mills, Peter G.
—; Rose, John D.; Brodie, Bruce R.; Delany, David J.; Craige, Ernest: echophonocardiographic diagnosis of left ventricular pseudoaneurysm (ab), **126:** 841, 1978
Mills, Steven R.
—; Doppman, John L.; Head, Gordon L.; Javadpour, Nasser; Brennan, Murray F.; Chu, Elizabeth W.: transcatheter brush biopsy of intravenous tumor thrombi, **127:** 667, 1978
Milne, Eric N. G. See Roeck, Werner W.
Milner, Curt. See Tchang, Stanley
Miloszewski, K. J. A. See Foster, D. N.
Milutinovic, Jovan. See Daly, Michael J.
Minagi, Hideyo
—; Brody, William R.; Laing, Faye C.: variable roentgen appearance of traumatic diaphragmatic hernia (ab), **126:** 276, 1978
Minami, Takao. See Irino, Tadayoshi
Mindelzun, Robert
—; Long, Peter: mediastinal bronchogenic cyst with esophageal communication, **126:** 28, 1978
Minder, W. H. See Lips, C. J. M.
Mineau, D. Edward
—; Nixon, George W.: retroperitoneal lipoma in a child, **126:** 456, 1978
Miner, Nancy C. See Als, Ann V.
Minh, V. Tran
—; Devic, J.; Dubernard, J. M.; Wolff, D.: simulation of dysplasia of the renal artery by traumatic partial rupture: case presentation (ab), **126:** 281, 1978
Minhas, Kareem V. See Rees, Allan H.
Minielly, John A. See Tuttle, Robert J.
Minihan, Patrick. See Crade, Michael
Mink, J. See Gomes, A. S.; Lasjaunias, P.
Mink, J. H. See Bein, M. E.
Mink, Jerrold H.
—; Bein, Marshall E.; Sukov, Richard; Herrmann, Jr., Christian; Winter, James; Sample, W. Frederick; Mulder, Donald: computed tomography of the anterior mediastinum in patients with myasthenia gravis and suspected thymoma, (AJR), **130:** 239, 1978
Minkin, Sanford D. See Goldman, Stanford M.
Mintz, Gary S.
—; Kotler, Morris N.; Segal, Bernard L.; Parry, Wayne R.: systolic anterior motion of the mitral valve in the absence of asymmetric septal hypertrophy (ab), **127:** 859, 1978
—; Kotler, Morris N.; Segal, Bernard L.; Parry, Wayne R.: two-dimensional echocardiographic recognition of ruptured chordae tendineae (ab), **127:** 858, 1978
Mintzer, Richard. See Rosenberg, Michael
Mintzer, Richard A. See Neiman, Harvey L.
—; Rogers, Lee F.; Kruglik, Gerald D.; Rosenberg, Michael; Neiman, Harvey L.; Patterson, Roy: spectrum of radiologic findings in allergic bronchopulmonary aspergillosis, **127:** 301, 1978
Mira, Joaquin G. See Wescott, William B.
Mirell, Stuart G. See Hecht, Harvey S.
Mishina, Teruo. See Harada, Kuzuya
Mishkin, Fred S. See Datta, Nand S.
cerebral radionuclide angiography (bk rev), **126:** 172, 1978
Miskin, Murray. See McLoughlin, Michael J.
Mitchell, D. M. See Pastershank, S. P.
Mitchell, Dorothy E. See Adams, J. Hume
Mitchell, Eric. See Forsted, David L.
Mitchell, M. E.
—; Yoder, I. C.; Pfister, R. C.; Daly, J.; Althausen, A.: ileal loop stenosis: late complication of urinary diversion (ab), **127:** 284, 1978
Mitchell, Steven Pearce. See Sample, William Frederick
Mitchell, Winston. See Dallemand, Serge
Mittelstaedt, Carol A. See Lapis, James L.
Mittler, Sigmund. See Lawson, Thomas L.
Mittman, Charles
—; Bruderman, Israel: lung cancer: to operate or not? (ab), **126:** 550, 1978
Mitty, H. A. See Brill, P. W.
Mitty, Harold. See Adler, Jonathan
Mitty, Harold A. See Yeh, Hsu-Chong
—; Kleiger, Barnard: partial embolization of large peripheral hemangioma for pain control, **127:** 671, 1978
Miyamae, Tatsuya. See Hisada, Kinichi
Miyatake, Tadashi. See Furuse, Makoto
Mochizuki, Sachio. See Kawakami, Kenji
Model, Lawrence M.
primary reticulum cell sarcoma of the brain in Wiskott-Aldrich syndrome: report of a case (ab), **128:** 280, 1978
Moedjona, S. See Bell, Martin J.
Moeller, Donald D. See Hosler, James P.
Moes, C. A. Fred. See Izukawa, Terro
Moessinger, Adrien C.
—; Driscoll, Jr., John M.; Wigger, H. Joachim: high incidence of lung perforation by chest tube in neonatal pneumothorax (ab), **129:** 561, 1978
Moghadam, A. N. See Ogawa, Satoshi
Mohamedally, S. M. See Woodhouse, N. J. Y.
Mohanty, S.
—; Tandon, P. N.; Banerji, A. K.; Prakash, B.: haemorrhage into pituitary adenomas (ab), **128:** 267, 1978
Mohr, J. P.
—; Pessin, M. S.; Finkelstein, S.; Funkenstein, H. H.; Duncan, G. W.; Davis, K. R.: broca aphasia: pathologic and clinical (ab), **129:** 559, 1978
Mohr, P. D. See Lascelles, R. G.
Mohri, Makoto
—; Hiramatsu, Kyoichi: simplified bilateral selective catheterization of the uterine artery, **129:** 239, 1978
Mok, H. See Behan, M.
Mokka, R. E. M. See Punto, L.
Molino, Ceferino. See Lucaya, Javier
Moller, A. See Lindqvist, M.
Moller, James H. See Orsmond, Garth S.
Molnar, William. See Evans, William E.
—; Stockum, Alfred E.: transhepatic dilatation of choledochoenterostomy strictures, **129:** 59, 1978
Momose, K. Jack
—; MacMillan, Jr., Alexander S.: roentgenologic investigations of the larynx and trachea, (RCNA), **16:** 321, 1978

Mond, Harry. See Felner, Joel M.
Monnier, J. P. See Nouel, O.
Monson, Richard R. See Boice, Jr., John D.
Montagne, Jean-Philippe
—; Kressel, Herbert Y.; Korobkin, Melvyn; Moss, Albert A.: computed tomography of the normal adrenal glands, (AJR), **130:** 963, 1978
—; Moss, Albert A.; Margulis, Alexander R.: double-blind study of single and double contrast upper gastrointestinal examinations using endoscopy as a control, (AJR), **130:** 1041, 1978
—; Kressel, Herbert Y.; Moss, Albert A.; Schrock, Theodore R.: radiologic evaluation of the continent (Kock) ileostomy, **127:** 325, 1978
Montagne, Jean-Phillipe. See Kressel, Herbert Y.
Montagne, J.-P. See Beauvais, P.
Montague, Eleanor D. See Libshitz, Herman I.
Montali, R. J. See Baskin, B.
Montgomery, Alan B.
—; Griffin, Thomas; Parker, Robert G.; Gerdes, Arthur J.: optic nerve glioma: role of radiation therapy (ab), **127:** 288, 1978
Montgomery, William. See Weber, A. L.
Montgomery, William W.
endoscopy and surgery of the larynx and trachea, (RCNA), **16:** 219, 1978
Monti, Carlo
—; Baraldi, Gian Piero; Malagola, Claudio; Ermini, Giuliano; Mattei, Marzio: role of caerulein in the differential diagnosis of common-bile-duct stenosis, **129:** 611, 1978
Montoliu, Jesus. See Virdis, Raffaele
Moody, Dixon M. See Laster, D. Wayne
—; Laster, D. Wayne; Ball, Marshall R.; Crowe, James E.; McWhorter, Joe M.: emergency plain film radiology of the nontraumatized patient with altered consciousness, (RCNA), **16:** 49, 1978
Moohr, John W. See Bekerman, Carlos
Mookherjee, Sakti. See Warner, Robert A.
Moon, Sanggiu. See Rosen, Yale
Moon, Thomas E. See Tefft, Melvin
Moore, H. Victor. See Canedo, Mario I.
Moore, John. See Loeb, Peter M.; Maravilla, Kenneth R.
Moore, Jr., Paul H.
—; McKinney, Richard G.; Mettler, Jr., Fred A.: radiographic and radionuclide findings in *rhizopus* osteomyelitis, **127:** 665, 1978
Moore, Richard. See Amplatz, Kurt; D'Souza, Vincent J.
—; Kim, Sung; Beranek, Ivo; Amplatz, Kurt: development of a method of evaluating cardiac performance using interactive computer graphics, **127:** 529, 1978
Moore, T. N. See Livingston, R. B.
Moore, Terence N.
—; Livingston, Robert; Heilbrun, Lance; Eltringham, James; Skinner, Odis; White, Joel; Tesh, Donald: effectiveness of prophylactic brain irradiation in small cell carcinoma of the lung: Southwest Oncology Group Study (ab), **129:** 575, 1978
Moore, Tillman M. See Meyers, Marvin H.
Moore, Vernon L. See Roberts, Ronald C.
Moores, B. M. See Eddleston, B.
—; Walker, Anne: light output and x-ray attenuation measurements for some commercial intensifying screens, **128:** 767, 1978
Moorthy, A. Vishnu
—; Chesney, Russell W.: peptic ulcer in uremic children (ab), **129:** 565, 1978
Morch, John E. See Sternberg, Leonard
Morehouse, Helen T.
—; Panchacharam, Panthmini; Friedenberg, Richard M.; Biuso, Thomas J.: arterial encasement in xanthogranulomatous pyelonephritis, **128:** 617, 1978
Moret, J. See Lasjaunias, P.
Morgado, Richard. See Boone, Max L.
Morgan, Carlisle L.
—; Trought, William S.; Sheldon, Gary; Barton, Thomas K.: B-scan and real-time ultrasound in the antepartum diagnosis of conjoined twins and pericardial effusion, (AJR), **130:** 578, 1978
—; Trought, William S.; Peete, William: xeromammographic and ultrasonic diagnosis of a traumatic oil cyst, (AJR), **130:** 1189, 1978
Morgan, David L.
—; Palazola, Joseph; Reed, William; Bell, Hubert H.; Kindred, Lynn H.; Beauchamp, Gary D.: left heart myxomas (ab), **126:** 840, 1978
Mori, K.
—; Hayashi, P.; Handa, H.: radiological manifestations of infratentorial retrocerebellar cysts (ab), **127:** 843, 1978
Mori, Koreaki
—; Murata, Takako; Nakano, Yoshihisa; Handa, Hajime: periventricular lucency in hydrocephalus on computerized tomography (ab), **127:** 276, 1978
Morin, D. See Roenspies, U.
Morin, Martin. See Kesala, B. Adrian
Morin, Martin E.
—; Baker, Dennis A.: infusion tomography of the gallbladder in suspected cases of acute cholecystitis: reply (L), **127:** 555, 1978
Morishima, Michael S.
—; Ghaed, Nasser: Glucagon and diuresis in the treatment of ureteral calculi, **129:** 807, 1978
Morris, L. L.
—; Caldicott, W. J. H.; Savage, J. P.: inguinal herniation of the ureter (ab), **127:** 856, 1978
Morrison, Carol A.
—; Bodenheimer, Monty M.; Feldman, Michael S.; Banka, Vidya S.; Helfant, Richard H.: use of echocardiography in determination of reversible posterior wall asynergy (ab), **127:** 571, 1978
Morrison, Richard A.
spherical lead shields for megavoltage teletherapy, **127:** 546, 1978
Morriss, Jr., Frank H. See Paxson, Jr., Charles L.
Morsell, Lee. See Muntz, E. Phillip
Mortelmans, L. L. See Baleriaux-Waha, D.
Mortensson, W. See Lindstrand, A.
Moseley, I. F.
—; Loh, L.; du Boulay, G. H.: effects of general anaesthesia on size of cerebrospinal fluid spaces during and after pneumoencephalography (ab), **129:** 275, 1978
Moseley, Robert D. See Brogdon, Bryon G.
Moser, Kenneth M. See Kling, Lawrence E.
—; Brach, B. Bowman; Dolan, Gerald F.: clinically suspected deep venous thrombosis of the lower extremities: comparison of venography, impedance plethysmography, and radiolabeled fibrinogen (ab), **126:** 559, 1978
Moskowitz, Myron. See Fox, Stanley H.
—; Libshitz, Herman I.: mammographic screening for breast cancer by lateral view only: is it practical? (ab), **128:** 564, 1978
Moskowitz, Peter S. See Donaldson, Sarah S.; Pinckney, Lee E.
Mosley, Stephen T. See Beierwaltes, William H.
Moss, A. A. See Eisenberg, R. L.
Moss, Albert A. See Goldberg, Henry I.; Korobkin, Melvyn; Kressel, Herbert Y.; Montagne, Jean-Philippe
—; Kressel, Herbert Y.; Korobkin, Melvyn; Goldberg, Henry I.; Rohlfing, Barbara M.; Brasch, Robert C.: effect of Gastrografin and glucagon on CT scanning of the pancreas: blind clinical trial, **126:** 711, 1978
Moss, James P. See Drasin, George F.
Moss, S. See Lenzi, G. L.
Mossler, Jeffrey A. See Limberakis, Anthony J.
Mosteller, Robert C. See Egan, Robert L.
Motro, Michael. See Millman, Arthur
Moulder, Peter V. See Boysen, Philip G.
Moule, Neville. See McCall, Iain W.
Mousavi, Ali. See Tavormina, Anthony
Mowbry, Alan. See Hummel, Brian W.
Moyer, Robert F.
systematic patient-dose errors for 4- and 10-MeV microwave linear accelerators associated with rectangular collimator settings, **129:** 803, 1978
Moylan, Fergus M. B. See Leonidas, John C.
Mozziconacci, P. See Meyer, L.-N.
Muecke, Edward C. See Behan, Michael
Mueller, Hiltrud S. See Fletcher, James W.
Mueller, S. M.
—; Bell, W.; Cornell, S.; DeS Hamsher, K.; Dolan, K.: achondroplasia and hydrocephalus: computerized tomographic, roentgenographic, and psychometric study (ab), **126:** 833, 1978
Muerhrcke, Robert C. See Turner, David A.
Muhlow, Anders. See Andersson, Ingvar
Muhm, John R. See Crowe, John K.
Muirhead, W.
—; Roberts, J. T.: selection of tumours with a poor prognosis in operable carcinoma of the endometrium (ab), **129:** 569, 1978
Mukai, Takao. See Ishii, Yasushi
Mukerjee, Chitta M.
pleuropulmonary amoebiasis in Ghana: report of three cases (ab), **129:** 852, 1978
Mulder, Donald. See Mink, Jerrold H.
Mulholland, S. Grant. See Pollack, Howard M.
Mullani, Nizar A. See Ter-Pogossian, Michel M.
Muller, M. See Deimer, E.
Multz, Carter V. See Rennell, Charles
Munk, P. See Fasol, P.
Munschauer, Richard W. See Berger, Paul E.
Muntz, E. Phillip
—; Welkowsky, Murray; Kaegi, Emil; Morsell, Lee; Wilkinson, Evelyn; Jacobson, George: optimization of electrostatic imaging systems for minimum patient dose or minimum exposure in mammography, **127:** 517, 1978
Munzenrider, John E. See Emami, Bahman; Pilepich, M. V.
—; Pilepich, Miljenko; Rene-Ferrero, Juan B.; Tachakarova, Ivanka; Carter, Barbara L.: use of body scanner in radiotherapy treatment planning (ab), **126:** 286, 1978
Murad, Tariq M. See Jander, H. Peter
Murakami, Nobuyuki
—; Muroga, Tatsuo; Sobue, Itsuro: cervical myelopathy due to ossification of the posterior longitudinal ligament: clinicopathologic study (ab), **128:** 278, 1978
Murata, Takako. See Mori, Koreaki
Muroga, Tatsuo. See Murakami, Nobuyuki
Murphy, G. P. See Winterberger, A. R.
Murphy, Patrick. See Percarpio, Bernard
Murphy, Paul H.
—; Burdine, John A.: large-field-of-view (LFOV) scintillation cameras, (SNM), **7:** 305, 1977
Murphy, William A. See Whyte, Michael P.
exostosis after iliac bone marrow biopsy, (AJR), **129:** 1114, 1977
—; DeSchryver-Kecskemeti, Katherine: isolated clustered microcalcifications in the breast: radiologic-pathologic correlation, **127:** 335, 1978
Murray, Henry W.
—; Tuazon, Carmelita U.; Kirmani, Nigar; Sheagren, John N.: adult respiratory distress syndrome associated with miliary tuberculosis (ab), **127:** 850, 1978
Murray, John A. See deSantos, Luis Alonso
Murray, R. O. See Mehta, M. H.
Murray-Lyon, I. M. See Cochrane, A. M. G.
Murtagh, F. Reed
—; Sanders, Marjorie B.: precipitation of water-soluble contrast material (Gastrografin) in the stomach in a case of outlet obstruction, **126:** 386, 1978
Musha, Hirotaka. See Ohkubo, Hideki
Muslim, Arif M. See Bagnasco, Francis M.
Muster, Alexander J. See Aziz, Kalim U.
Myer, James J. See Hartig, Paul R.
Myerowitz, Richard L. See Dubois, Philip J.; Orr, Donald P.
Myers, Eugene M. See Black, F. Owen
Myers, Gordon S. See Boucher, Charles A.; Vignola, Paul A.
Myers, H. S.
case of the fall season (diffuse neurofibromatosis with urinary obstruction, sacral invasion, and hypertension), (SR), **12:** 263, 1977
Myers, Jeffrey. See Axelrod, Rita
Myers, Lawrence. See Hainline, Sarah
Myers, Martin G.
—; Shulman, Harry S.; Saibil, Eric A.; Naqvi, Salim Z.: variation in measurement of coronary lesions on 35 and 70 mm angiograms, (AJR), **130:** 913, 1978
Myers, Thomas J. See Cole, Solon R.
Myint, U. Soe. See Syed, A. M. Nisar

N

Nabseth, Donald C. See Widrich, Warren C.
Naderi, Mohammad J. See Bookstein, Joseph J.
—; Bookstein, Joseph J.: rectal bleeding secondary to fecal disimpaction: angiographic diagnosis and treatment, **126:** 387, 1978
Nagai, Yasuo. See Atsuchi, Yoshihiko
Nagar, Chander. See Goldstein, David H.
Nahum, H. See Scherrer, A.
Nahum, P. See Scherrer, A.
Naib, Zuher M. See Goldman, Martin L.
Naidech, Howard J. See Axelrod, Rita
Naidich, J. B. See Naidich, T. P.
Naidich, James B.
—; Naidich, Thomas P.; Sprayregen, Seymour; Hyman, Roger A.; Pudlowski, Rochelle M.; Stein, Harry L.: origin of the left gastric artery, **126:** 623, 1978
Naidich, T. P.
—; Lin, J. P.; Leeds, N. E.; Pudlowski, R. M.; Naidich, J. B.: primary tumors and other masses of the cerebellum and fourth ventricle: differential diagnosis by computed tomography (ab), **128:** 849, 1978
Naidich, Thomas P. See Friedman, Arnold C.; Kumar, Ashok J.; Naidich, James B.

atlas of carotid angiography (bk rev), **126:** 660, 1978
Naimark, Allan
—; Lander, Philip: tumbling bolt: new sign of deep soft-tissue abscess following Richards fixation, **129:** 30, 1978
Nair, Ravi
—; Kartha, Mukund: study of dose distribution patterns from cobalt-60 and Varian Clinac-4 beams, (AJR), **130:** 151, 1978
Nakajima, K. See Handa, J.
Nakajo, Masayuki. See Hisada, Kinichi
Nakamura, Kenji. See Atsuchi, Yoshihiko
Nakamura, Shigeo. See Asari, Syoji
Nakano, Y. See Handa, J.
Nakano, Yoshihisa. See Mori, Koreaki
Nakao, Satoshi. See Yamashita, Junkoh
Nakashima, Edwin. See Miller, Jr., Franklin J.
Nakazawa, Makoto. See Bhatt, Dilip R.
Nakken, Karl Otto. See Eldevik, O. Petter
Nalbantgil, I. See Yigitbasi, O.
Nalbantgil, Istemi
—; Yigitbasi, Omer; Cagatay, Guven; Kiliccioglu, Bulent; Atabay, Gurhun: venous-phase angiography in subclavian-steal syndrome, **128:** 411, 1978
Namba, Al H. See Haaga, John R.
Nance, Jr., E. Paul
—; Ekelund, Leif; Goncharenko, Victor; Rogers, Lowell: pheochromocytoma and ipsilateral renal carcinoma diagnosed by angiography, (AJR), **130:** 553, 1978
Nanda, Navin C. See Hess, Paul G.; Reeves, William C.
—; Barold, S. Serge; Gramiak, Raymond; Ong, Ling S.; Heinle, Robert A.: echocardiographic features of right ventricular outflow tumor prolapsing into the pulmonary artery (ab), **126:** 282, 1978
Nanjoh, Mitsuo. See Tada, Shimpei
Naqvi, Salim Z. See Myers, Martin G.
Narahara, Kenneth A. See Hamilton, Glen W.
Naraval, Dante C. See Goldman, Stanford M.
Narayan, Dilip. See Jamshidnejad, Javad
Narsete, Thomas
—; Ansfield, Fred; Wirtanen, George; Ramirez, Guillermo; Wolfberg, William; Jarrett, Fredric: gastric ulceration in patients receiving intrahepatic infusion of 5-fluorouracil (ab), **128:** 276, 1978
Nasiell, M. See Sinner, W. N.
Nasrallah, Nabil S. See Sebes, Jeno I.
Natarajan, N. See Bross, Irwin D. J.
Nathan, H. See Taitz, C.
Nathan, Hilel
—; Rosner, Samuel: multiple meningeal diverticula and cysts associated with duplications of the sheaths of spinal nerve posterior roots (ab), **127:** 855, 1978
Naumoff, Peter
thoracic dysplasia in spondyloepiphyseal dysplasia congenita (ab), **127:** 567, 1978
Neal, Hunter S. See Kline, Tilde S.
Nealis, James G. T.
—; McFadden, Samuel W.; Asnes, Russell A.; Ouellette, Eileen M.: routine skull roentgenograms in the management of simple febrile seizures (ab), **126:** 273, 1978
Neary, D. See Lascelles, R. G.
Neblett, David. See Syed, A. M. Nisar
Neches, William H. See Park, Sang C.
Necic, S.
—; Grant, D. B.: diagnostic value of hand x-rays in Turner's syndrome (ab), **128:** 855, 1978
Neeld, Elise M.
—; Limacher, Marian C.: chemical pneumonitis after the intravenous injection of hydrocarbon, **129:** 36, 1978
Neerhout, Robert C. See Rosch, Joseph
Neff, James R. See Lee, Kyo Rak
Nehen, A.-M.
—; Damgaard-Jensen, L.; Hansen, P. E.: foreign body embolism of retinal arteries as a complication of carotid angiography (ab), **129:** 848, 1978
Nehen, Anna-Marie
—; Kruse, Verner: effect of nonfractionated and fractionated administration of iopanoic acid on gallbladder visualization, **128:** 605, 1978
Neiman, Harvey L. See Mintzer, Richard A.
—; Mintzer, Richard A.: accuracy of biliary duct ultrasound: comparison with cholangiography, (AJR), **129:** 979, 1977
Nelken, Robert P.
—; Nieburg, Phillip I.; Bergstrom, William H.; Richman, Robert A.: dysgerminoma presenting as a calcified abdominal mass with hypercalcemia (ab), **129:** 857, 1978
Nelson, Bill M.
—; Andrews, Gould A.; Watson, Evelyn E.: histopathologic studies of the liver following intravenous colloidal ^{198}Au therapy, **127:** 239, 1978
Nelson, James A. See Schroeder, Franz Michael; Williams, R. Gayle
Nelson, Lawrence E. See Poleynard, Gary D.
Nelson, Paul B. See Bank, William O.
Nelson, Robert P. See Rittenberg, Gerald M.
Nelson, Roger L.
—; Wahner, Heinz W.; Gorman, Colum A.: rectilinear thyroid scanning as a predictor of malignancy (ab), **128:** 575, 1978
Nemchausky, Bernard A. See Blackstone, Michael O.
Nemiroff, Martin J. See Forrest, Maureen E.
Nerlinger, Rudolph. See Feig, Stephen A.
Nesbit, Mark E. See Ramsay, Norma K. C.
Nessi, Renato
—; Coopmans de Yoldi, Gianfranco: xeroradiography of bone tumors (ab), **129:** 280, 1978
Neufeld, Henry N. See Blieden, Leonard C.
Neuhaus, Aron
—; Bentz, Rodney R.; Weg, John G.: pulmonary embolism in respiratory failure (ab), **128:** 564, 1978
Neumann, Alexander. See DeMaria, Anthony N.
New, Paul F. J. See Kuehnie, John; Tadmor, Rina
Newberg, Arthur H.
—; Greenstein, Robert: radiographic evaluation of tibial plateau fractures, **126:** 319, 1978
Newell, John D. See Resnick, Donald
Newell, Josephine. See Hainline, Sarah
Newhouse, Jeffrey H. See Potsaid, Majic S.
Newhouse, M. T. See Levy, D.
Newhouse, Michael T. See Oldenburg, Jr., Frederick A.
Newlin, Nancy S.
congenital retrosternal subluxation of the clavicle simulating an intrathoracic mass, (AJR), **130:** 1184, 1978
Newman, Arnold D. See Lee, Benjamin C. P.
Newman, Arthur J. See Alvarado, Carlos S.
Newman, Donald E.
radiolucent esophageal foreign body: often forgotten cause of respiratory symptoms (ab), **129:** 276, 1978
Newmark, III, Harris. See Olken, Sherwin M.
—; Forrester, D. M.; Brown, J. C.; Robinson, Alvin; Olken, Sherwin M.; Bledsoe, Raleigh: calcific tendinitis of the neck, **128:** 355, 1978
Newton, T. H. See Becker, H.
Newton, Thomas H. See Enzmann, Dieter R.; Miller, Edward M.; Norman, David; Robertson, William D.; Stevens, Edwin A.
Newton, William. See Tefft, Melvin
Ng, K. K.
—; Vignaendra, Velupillay: case of spinal arteriovenous malformation: value of selective spinal angiography in its management (ab), **126:** 555, 1978
Nice, Charles M. See Weisberg, Leon A.
Nicholson, Thomas C. See Richie, Jerome J.
Nickoloff, E. L.
—; Leo, F.; Reese, M.: comparison of five methods for monitoring the precision of automated x-ray film processors, **129:** 509, 1978
Nickoloff, Edward L. See Qureshi, Saeeda
Nickoloff, Eileen L. See Yang, Shirley S. L.
Niebuhr, Erik. See Fenger, Kirsten
Nieburg, Phillip I. See Nelken, Robert P.
Nieburg, Phillip L. See Gross, Steven J.
Nielsen, M. Lykkegard. See Nielsen, S. Pors
Nielsen, S. Pors
—; Trap-Jensen, J.; Lindenberg, J.; Nielsen, M. Lykkegard: hepato-biliary scintigraphy and hepatography with 99mTc diethyl-acetanilido-iminodiacetate in obstructive jaundice (ab), **129:** 285, 1978
Niendorf, Hans P. See Buell, Udalrich
Niethard, F. U.
—; Puhl, W.: early roentgenologic symptoms of idiopathic femoral head necrosis in adults (ab), **129:** 567, 1978
Niezabitowski, K. See Oleszczuk-Raszke, K.
Nilsson, Bo E. See Fredensborg, Nis
Nisce, L. Z. See Kim, Jae Ho
Nishitani, Hiromu. See Tsukamoto, Yoshiki
Nisselbaum, Jerome S. See Lightdale, Charles J.
Nitenberg, A. See Geschwind, H.
Niwayama, Gen. See Armbuster, Thomas G.; Feingold, Mitchell L.; Guerra, Jr., Jose; Resnick, Donald
Nixon, G. William. See Stewart, David R.
Nixon, George W. See Mineau, D. Edward
hematogenous osteomyelitis of metaphyseal-equivalent locations, (AJR), **130:** 123, 1978
Noble, Jonathan
lesions of the menisci: autopsy incidence in adults less than fifty-five years old (ab), **126:** 280, 1978
Noble, R. Joe. See Rasmussen, Susan
Noe, H. Horman
—; Patterson, Thomas H.: screening urography in asymptomatic cryptorchid patients (ab), **129:** 282, 1978
Noel, Henry M. See Maldague, Baudouin E.
Nogrady, M. B. See Kaplan, B. S.
Norback, Diane H. See Venkatesh, Nagammal
Nordenskjold, B. See Westerberg, Helena
Nordshus, T. See Johansen, J. G.
Nordstrom, Donald G.
—; Tewfik, Hamed H.; Latourette, Howard B.: plasma cell giant lymph node hyperplasia responding to radiation therapy, (AJR), **130:** 169, 1978
Norin, T. See Olweny, C. L. M.
Norin, Torsten
radiation therapy in Burkitt's lymphoma: long term results (ab), **129:** 576, 1978
Norman, Alex. See Greenspan, Adam
—; Baker, Nancy D.: spontaneous osteonecrosis of the knee and medial meniscal tears, **129:** 653, 1978
Norman, Amos
—; Adams, Forrest H.; Riley, Richard F.: cytogenetic effects of contrast media and triiodobenzoic acid derivatives in human lymphocytes, **129:** 199, 1978
Norman, D. See Enzmann, Dieter R.
Norman, David. See Enzmann, Dieter R.; Stevens, Edwin A.; Weinstein, Meredith A.
—; Enzmann, Dieter R.; Newton, Thomas H.: optimal contrast dosage in cranial computed tomography, (AJR), **131:** 687, 1978
—; Stevens, Edwin A.; Wing, S. Douglas; Levin, Victor; Newton, Thomas H.: quantitative aspects of contrast enhancement in cranial computed tomography, **129:** 683, 1978
—; Diamond, Charles; Boyd, Douglas: relative detectability of intracranial calcifications on computed tomography and skull radiography (ab), **128:** 269, 1978
Norris, Stephen
—; Ehrlich, Michael G.; Keim, Daniel E.; Guiterman, Herman; McKusick, Kenneth A.: early diagnosis of disc-space infection using gallium-67 (ab), **128:** 862, 1978
Northcutt, Robert C. See Wahner, Heinz W.
Norvell, Steven T. See Belitsky, Philip
Notter, G. See Westerberg, Helena
Nouailhat, F. See Fingerhut, A.
Nouel, O.
—; Rouanet, J. P.; Lichtenstein, H.; Bloch, P.; Cugnenc, P. H.; Monnier, J. P.: iatrogenic perforations of the esophagus during fiberoptic endoscopy: radiologic signs (ab), **128:** 853, 1978
Nouri, Mohammad Seif. See Chew, Qwie T.
Novelline, Robert A.
—; Baltarowich, Oksana H.; Athanasoulis, Christos A.; Waltman, Arthur C.; Greenfield, Alan J.; McKusick, Kenneth A.: clinical course of patients with suspected pulmonary embolism and a negative pulmonary arteriogram, **126:** 561, 1978
Nover, A. See Wende, S.
Novetsky, Gary J. See Turner, David A.
Noyek, Arnold M. See Holgate, Richard C.; Wortzman, George
Nuesch, K. See Lutolf, U. M.
Numaguchi, Yuji. See Kishikawa, Takashi
—; Kishikawa, Takashi; Fukui, Masashi; Komaki, Senichiro; Russell, Walter J.; Ikeda, Jun; Okudera, Toshio; Matsuura, Keiichi; Kitamura, Katsutoshi: angiographic diagnosis of fourth ventricle tumors, **128:** 393, 1978
Nunez, Jr., Diego. See Fishbone, Gerald; Russell, Edward
—; Russell, Edward; Yrizarry, Jose; Pereiras, Raul; Viamonte, Jr., Manuel: portosystemic communications studied by transhepatic portography, **127:** 75, 1978
Nusbacher, Noel
—; Bryk, David: hydronephrosis of the lower pole of the duplex kidney: another renal pseudotumor, (AJR), **130:** 967, 1978
—; Pollak, Lester; Bryk, David: shielding the hand during cross-compression angiography, **128:** 509, 1978
Nuss, D. See Edge, W. E. B.
Nussbaum, Herman. See Gilbert, Harvey A.
Nussle, D. See Braun, P.
Nusynowitz, Martin L. See Prather, Jerry L.
Nutter, Donald O. See Gilbert, Charles A.
Nuyts, J. P. See Remy, J.
Nykamp, Paul W. See Levy, Jonathan M.

O

Oakley, Celia M. See Chapman, A. H.

Obayashi, Taminori. See Furuse, Makoto
Obeid, Anis I. See Warner, Robert A.
Oberfield, Richard A. See Clouse, Melvin E.
Oberklaid, F.
—; Danks, D. M.; Mayne, V.; Campbell, P.: asphyxiating thoracic dysplasia: clinical, radiological, and pathological information on 10 patients (ab), **127:** 567, 1978
O'Brien, David P. See Goldman, Martin L.
O'Brien, Richard T. See McIntosh, Sue
Obrist, Walter. See Zimmerman, Robert A.
Ochart, Magdalene G. See Turner, David A.
O'Connell, Denis J. See Frank, Paul H.; MacMahon, Heber
—; Marx, William J.: hand changes in primary biliary cirrhosis, **129:** 31, 1978
O'Connell, J. E. A.
trigeminal false localizing signs and their causation (ab), **129:** 557, 1978
O'Connell, Theodore X. See Fee, Jr., Henry J.
O'Connor, John F. See Cranley, William R.; Phillips, Harold E.
Oddson, Terrence A. See Kelvin, Frederick M.
—; Johnrude, Jr., Irwin S.; Jackson, Donald C.; Rice, Reed P.: acute gastrointestinal hemorrhage: changing role of barium examinations, (RCNA), **16:** 123, 1978
Odievre, M.
—; Chaumont, P.; Gautier, M.; Vermes, J.-M.: reversible peliosis of the liver in a child (ab), **127:** 279, 1978
O'Donoghue, J. Morgan. See Karney, Walter W.
O'Dorisio, Thomas M. See Evans, William E.
O'Dwyer, J. A. See Lea Thomas, M.
Oen, Khee-Tiang. See Goldman, Martin L.
O'Foghludha, F. See Johnson, G. Allan
Ogata, Masahiro. See Yamashita, Junkoh
Ogawa, Satoshi
—; Pauletto, Ferrel J.; Moghadam, A. N.; Akhtar, Riaz A.; Meixell, Linda L.: delayed peak of the posterior wall: new echocardiographic index of posterior wall aneurysm (ab), **128:** 572, 1978
—; Dupler, Donald A.; Pauletto, Ferrel J.; Chaudry, Khalid R.; Freifus, Leonard S.: flail mitral valve in rheumatic heart disease (ab), **129:** 858, 1978
Ogden, John A. See Bidot-Lopez, Pascual
—; Conlogue, Gerald J.; Jensen, Pamela: radiology of postnatal skeletal development: proximal humerus (ab), **129:** 281, 1978
Oh, Kook Sang. See Dominguez, Rodrigo
—; Dorst, John P.; Dominguez, Rodrigo; Girdany, Bertram R.: abnormal intestinal motility in gastroschisis, **127:** 457, 1978
—; Condon, Virgil R.; Dorst, John P.; Grajo, Galterius: peritoneographic demonstration of femoral hernia, **127:** 209, 1978
Ohaegbulam, Samuel C.
—; Gupta, Indu M.: giant cell tumour of the sphenoid bone with dural extension (ab), **127:** 846, 1978
O'Hara, A. Edward. See Karasick, Stephen
Ohara, Tatsuhiko. See Matsumoto, Masayuki
Ohashi, Kazuhiko. See Ariyama, Joe
Ohkubo, Hideki
—; Okuda, Kunio; Takayasu, Kenichi; Musha, Hirotaka; Hara, Teruhiko; Hirashima, Takeshi: Cruveilhier-Baumgarten syndrome presenting with precordial murmur and thrill: report of a case diagnosed by percutaneous transhepatic portography (ab), **129:** 564, 1978
Ohya, Masaki. See Shiozawa, Zenji
Okadera, Toshio. See Fukui, Masashi
Okawa, Tatsujiro. See Tsukamoto, Yoshiki
Okazaki, Haruo. See Robertson, Jr., William C.
Okuda, Kunio. See Ohkubo, Hideki
Okudera, Toshio. See Numaguchi, Yuji
Okuyama, Yamaji. See Itai, Yuji
Oldenburg, Jr., Frederick A.
—; Newhouse, Michael T.: cerebral dye embolus: complication of selective bronchography following transbronchial biopsy (ab), **129:** 278, 1978
Older, Robert A.
—; Rice, Reed P.; Kelvin, Frederick M.; Thompson, William M.; Weinerth, John L.: extraperitoneal gas following nephrectomy: patterns and duration (ab), **129:** 570, 1978
—; Cleeve, Damien M.; McLelland, Robert: nonspecificity of some radiological signs in excretory urography (edit), **127:** 553, 1978
—; Cleeve, Damien M.; Fetter, Bernard F.; Jackson, Donald A.; Weiner, Shelley N.; Bernstein, Robert G.: "spoke-wheel" angiographic pattern in renal masses: nonspecificity (L), **128:** 836, 1978
Oleaga, Juan A. See Freiman, David B.; Ring, Ernest J.
—; Ring, Ernest J.; Freiman, David; Husted, James W.: renal vein valves, (AJR), **130:** 927, 1978
O'Leary, Daniel H.
—; Lavyne, Michael H.: localization of vertex lesions seen on CT scan (ab), **129:** 559, 1978
Oleszczuk-Raszke, K.
—; Domanski, Z.; Niezabitowski, K.: atypical pancreatic pseudocysts (ab), **129:** 277, 1978
Oliff, Michael. See Chuang, Vincent P.
—; Chuang, Vincent P.: retroperitoneal iliac fossa pyogenic abscess, **126:** 647, 1978
Olivecrona, Hans
complications of cerebral angiography (ab), **128:** 849, 1978
Oliver, George D. See Marks, James E.
Olken, Sherwin M. See Newmark, III, Harris
—; Bledsoe, Raleigh; Newmark, III, Harris: ultrasonic diagnosis of primary carcinoma of the gallbladder, **129:** 481, 1978
Olsen, Gerald N. See Boysen, Philip G.
Olsen, John. See Pechman, Robert
Olson, David L. See Stanley, Philip
Olson, Robert J. See Brown, Manuel L.
Olweny, C. L. M.
—; Atine, I.; Kaddu-Mukasa, A.; Katongole-Mbidde, E.; Lwanga, S. K.; Johansson, B.; Onyango, J.; Host, H.; Norin, T.; Willey, B.: cerebrospinal irradiation of Burkitt's lymphoma: failure in preventing central nervous system relapse (ab), **129:** 576, 1978
O'Meara, Owen P. See Rumack, Carol M.
Omell, Gary H.
—; Klingensmith, III, William C.: visualization of hepatic veins on excretory urography (ab), **129:** 571, 1978
Omenn, Gilbert S. See Larson, Eric B.
Onal, Ergun
—; Lopata, Melvin; Lourenco, Ruy V.: nodular pulmonary sarcoidosis: clinical, roentgenographic and physiologic course in five patients (ab), **126:** 550, 1978
O'Neill, J. A. See Kirchner, S. G.
O'Neill, Jr., James A. See Heller, Richard M.
Ong, Ling S. See Nanda, Navin C.
Onitsuka, Hideo. See Tsukamoto, Yoshiki
Onyango, J. See Olweny, C. L. M.
Op den Orth, J. Odo
tubelous hypotonic examination of the afferent loop of the Billroth II stomach (ab), **126:** 553, 1978
Opitz, John M. See Romeo, Giovanni
Oppenheim, Bernard E. See Turner, David A.
Oppermann, H. C.
—; Bender, U. G.; Willich, E.: splenic flexure syndrome in childhood (ab), **127:** 279, 1978
Ordia, Idahosa J. See Strand, Roy D.
O'Reilly, Gerald V.
—; Dee, Paul M.; Otteni, Gerald V.: gangrene of the lung: successful medical management of three patients, **126:** 575, 1978
O'Reilly, P. H.
—; Testa, H. J.; Lawson, R. S.; Farrar, D. J.; Edwards, E. Chatterton: diuresis renography in equivocal urinary tract obstruction (ab), **129:** 282, 1978
O'Reilly, R. J.
—; Hansen, C. C.; Rosental, J. J.: angiography of chronic hemodialysis arteriovenous grafts, (AJR), **130:** 1105, 1978
O'Reilly, Richard R. See Poleynard, Gary D.
Oren, V. See Lubin, E.
Oreopoulos, Dimitrios G. See Meema, H. Erik
Orlando, Roy C. See Lapis, James L.
Orlowski, James P.
—; Clough, John D.; Dyment, Paul G.: Wegener's granulomatosis in the pediatric age group (ab), **128:** 280, 1978
O'Rourke, Robert A. See Henning, Harmut; Kling, Lawrence E.; MacDonald, Jr., William J.; Righetti, Alberto
Orr, Donald P.
—; Myerowitz, Richard L.; Dubois, Philip J.: patho-radiologic correlation of invasive pulmonary aspergillosis in the compromised host (ab), **129:** 278, 1978
Orr, J. S. See Quayum, M. A.
Orr, Jack T. See Walter, Joseph F.
Orr, Linda S. See Savine, Peter J.
Orsmond, Garth S.
—; Ruttenberg, Herbert D.; Bessinger, F. Blanton; Moller, James H.: echocardiographic features of total anomalous pulmonary venous connection to the coronary sinus (ab), **128:** 573, 1978
Orzan, Fulvio. See Krajcer, Zvonimir
Osborn, A. G.
—; Thurman, D. J.; Van Dyk, H. J. L.: angiographic ocular choroidal crescent: distortion with intraorbital and remote intracranial pathology (ab), **129:** 558, 1978
Osborn, Anne G. See Wing, S. Douglas
—; Heaston, Dennis K.; Wing, S. Douglas: diagnosis of ascending transtentorial herniation by cranial computed tomography, (AJR), **130:** 755, 1978
—; Anderson, Robert E.: direct sagittal computed tomographic scans of the face and paranasal sinuses, **129:** 81, 1978
—; Daines, Jonathan H.; Wing, S. Douglas: evaluation of ependymal and subependymal lesions by cranial computed tomography, **127:** 397, 1978
nasal arteries, (AJR), **130:** 89, 1978
Osborne, B. See Jonsson, K.
Osborne, Barbara M. See Libshitz, Herman I.
Osborne, Dennis
radiologic appearance of viral disease of the lower respiratory tract in infants and children, (AJR), **130:** 29, 1978
Osborne, Isaac J. T. See Bier, Robert K.
Oshiumi, Yoshihiko. See Tsukamoto, Yoshiki
Osman, Gamal E.
—; Tsung, Peinan: validity of the approximation method "area/perimeter" as applied to 8 and 25-MV photon beams, **129:** 233, 1978
Oster, Zvi H.
—; Strauss, H. William; Harrison, Katharine; Burns, H. Donald; Pitt, Bertram: thallium-201 distribution in the thyroid: relationship to thyroidal trapping function, **126:** 733, 1978
Osterman, Jr., Floyd A. See Zeman, Gary H.
Ostlund, James. See Battagin, Robert
Ostrow, Jonathan H. See Karney, Walter W.
Ostrum, Bernard J. See Magilner, Arthur D.
O'Sullivan, D. J.
—; Lim, G. H. K.; Darveniza, P.; Coffey, G. L.: multiple progressive intracranial arterial occlusions ('moyamoya' disease) (ab), **128:** 270, 1978
Otani, K. See Takase, M.; Tokunaga, A.
O'Toole, James D. See Salerni, Rosemarie
Ott, David. See Crowe, James
Ott, David J. See Gelfand, David W.
—; Gelfand, David W.: colorectal tumors: pathology and detection, (AJR), **131:** 691, 1978
Otteni, Gerald V. See O'Reilly, Gerald V.
Ottinger, Leslie W. See Baum, Stanley
Ouellette, Eileen M. See Nealis, James G. T.
Oughton, Thomas V. See Carson, Paul L.
Ouimet-Oliva, Denise
—; Hebert, Guy; Ladouceur, Jacques: radiographic characteristics of male breast cancer, **129:** 37, 1978
—; Hebert, Guy; Ladouceur, Jacques: radiology of breast tumors in the male (ab), **128:** 272, 1978
Outerbridge, Eugene W. See Coates, Allan L.
Overgaard, J. See Overgaard, K.
Overgaard, K.
—; Overgaard, J.: hyperthermic tumour-cell devitalization in vivo (ab), **127:** 862, 1978
Ovitt, Theron W. See Pond, Gerald D.
Owen, Charles A. See Goergen, Thomas G.
Owman, Torben. See Lunderquist, Anders
Ozonoff, M. B. See Glassberg, Gerald B.
Ozzello, Luciano. See Hessler, Christian

P

Pacifico, Albert D. See Soto, Benigno
Padikal, Thomas N. See Deye, James A.
Pagani, John J. See Collins, James D.
Page, D. L. See Kirchner, S. G.
Pageau, Raymond
—; St-Pierre, Celine: dietary enhancement of intestinal radioresistance during fractionated irradiation, **129:** 205, 1978
Pahlajani, Hiro. See Zimmerman, Robert A.
Pais, M. Joyce
—; Levine, Arnold; Pais, S. Osher: coccygeal ribs: development and appearance in two cases, (AJR), **131:** 164, 1978
Pais, S. Osher. See Pais, M. Joyce
angiographic demonstration of a vasoactive intestinal polypeptide-secreting pheochromocytoma in a patient with WDHA syndrome, (AJR), **130:** 172, 1978
Palacios, Enrique. See Azar-Kia, Behrooz; Tentier, Robert L.
Palayew, Max J.
—; Stein, Lawrence: postoperative biopsy of the common bile duct via the T-tube tract, (AJR), **130:** 287, 1978
Palazola, Joseph. See Morgan, David L.
Palmer, F. J. See Jones, B. J.
Palmer, N. F. See Breslow, N. E.
Palomar, J. M.
—; Matthews, A.; Evans, B. B.: cerebrospinal fluid pseudocyst after urinary diversion (ab), **127:** 284, 1978
Palomar, Juan. See Lang, Erich K.
Palos, Bernice B. See Fessenden, Peter
Panchacharam, Panthmini. See Morehouse, Helen T.

Pandarinath, Gupta S.
—; Levine, Stephen M.; Sorokin, Jeffrey J.; Jacoby, James H.: selective massive amyloidosis of the small intestine mimicking multiple tumors, **129:** 609, 1978
Pang, Emily. See Bekerman, Carlos
Pantoja, Enrique
—; Cross, Valmore F.; Vitale, Peter; Wendth, Arthur J.: neoplastic involvement of terminal digits masquerading clinically as benign disease (ab), **127:** 281, 1978
Paparella, Michael M. See Guzowski, Jacobo
Papile, Lu-Ann
—; Burstein, Jerome; Burstein, Rochelle; Koffler, Herbert: incidence and evolution of subependymal and intraventricular hemorrhage: study of infants with birth weights less than 1,500 gm (ab), **129:** 557, 1978
Paquet, Marc. See Gutgesell, Howard P.
Paras, Peter. See Thomas, Stephen R.
Pare, P. See Rosenthall, L.
—; Shaffer, E. A.; Rosenthall, L.: nonvisualization of the gallbladder by ^{99m}Tc-HIDA cholescintigraphy as evidence of cholecystitis (ab), **128:** 861, 1978
Parisi, Alfred F. See Davidson, Kenneth H.; Kendrick, Marvin H.
Parisier, Simon C.
—; Birken, Eric A.: recurrent meningitis secondary to idiopathic oval window CSF leak (ab), **126:** 281, 1978
Park, Sang C.
—; Neches, William H.; Zuberbuhler, J. R.; Mathews, Robert A.; Lenox, Cora C.; Fricker, Frederick J.: echocardiographic and hemodynamic correlation in transposition of the great arteries (ab), **127:** 858, 1978
Park, William M. See Watt, Iain
Parker, Brent M.
—; Londeree, Ben R.; Cupp, Gerald V.; Dubiel, Jerzy P.: noninvasive cardiac evaluation of long-distance runners (ab), **128:** 573, 1978
Parker, Bruce R. See Pinckney, Lee
Parker, Robert A. See Rogers, Charles C.
Parker, Robert G. See Hussey, David H.; Montgomery, Alan B.; Simko, Thomas G.
Parkey, Robert W. See Gaffney, Francis A.; Kulkarni, Padmakar V.
Parkin, G. J. S. See Dillon, E.
Parmley, William W. See Massie, Barry M.; Sharpe, D. Norman
Parnes, Steven M. See Black, F. Owen
Parrish, Charles M. See Haaga, John R.
Parrish, Frank F. See deSantos, Luis Alonso
Parrish, Jr., Robert A. See Kanto, Jr., William P.
Parry, Wayne R. See Mintz, Gary S.
Parry-Jones, William. See Matthews, W. B.
Parsons, Paul M. See Lee, Timothy G.
Partain, C. Leon
—; Wu, Hai P.; Staab, Edward V.; Johnston, R. Eugene: multiregional kinetics model for cerebrospinal fluid, **127:** 705, 1978
Partridge, John B.
—; Brandt, Peter W. T.; Whitlock, Ralph M. L.: underfilled coronary artery: some pre- and post-operative observations on recipient arterial quality and left ventricular function after coronary artery surgery (ab), **129:** 562, 1978
Pascual-Castrovicjo, I.
—; Casas-Fernandez, C.; Lopez-Martin, V.; Martinez-Bermejo, A.: x-linked dysosteosclerosis: four familial cases (ab), **127:** 280, 1978
Pasquini, U. See Cabanis, E. A.; Salvolini, U.
Passariello, Roberto. See Rossi, Plinio
Passi, R. B. See Thomson, J. G.
Pastel, Mary S. See Maravilla, Kenneth R.
Pasternack, Bernard S. See Shore, Roy E.
Pastershank, S. P.
—; Mitchell, D. M.: knee joint bursal abnormalities in rheumatoid arthritis (ab), **127:** 852, 1978
—; Ty, M.: urologic complications in renal homotransplantation (ab), **129:** 570, 1978
Patchefsky, Arthur S. See Feig, Stephen A.
Pateisky, C. See Deimer, E.
Patel, Jagdish. See Goldberg, Barry B.
Patel, Ramesh. See Kramer, Neil E.
Patt, Yehuda Z. See Peters, Lester J.
Patten, Michael T. See Liebman, Paul R.
Patterson, Fred E. See Thornbury, John R.
Patterson, Roy. See Mintzer, Richard A.; Rosenberg, Michael
Patterson, Thomas H. See Noe, H. Horman
Patterson, Virginia N. See Pavel, Dan G.
Patton, Dennis. See Hammond, Neel
Patton, R.
—; Dragatakis, L.; Marpole, D.; Sniderman, A.: posterior left atrial echocardiogram of mitral regurgitation (ab), **129:** 284, 1978
Patz, Charles E. See Wetmore, Stephen J.
Paul, Larry H. See Blackwell, James E.
Paul, Milton H. See Aziz, Kalim U.
Pauletto, Ferrel J. See Ogawa, Satoshi
Paulin, Peter. See Winston, M. A.
Paulin, Sven. See Als, Ann V.
Paulson, George W.
—; Boesel, Carl P.; Evans, William E.: fibromuscular dysplasia (ab), **128:** 565, 1978
Paulus, Jr., David D. See Libshitz, Herman I.
Pautrat, F. See Brochard, A.
Pauwels, E. K. J. See Thesingh, C. W.
Pauwels, S.
—; Steels, M.; Piret, L.; Beckers, C.: clinical evaluation of Tc-99m-diethyl-IDA in hepatobiliary disorders (ab), **129:** 575, 1978
Pavala, A. See Karma, P.
Pavel, Dan G. See Zimmer, A. Michael
—; Zimmer, A. Michael; Patterson, Virginia N.: in vivo labeling of red blood cells with ^{99m}Tc: a new approach to blood pool visualization (ab), **127:** 286, 1978
Pavlov, Helene
—; Torg, Joseph S.: double contrast arthrographic evaluation of the anterior cruciate ligament, **126:** 661, 1978
—; Freiberger, Robert H.: easy method to demonstrate the cruciate ligaments by double contrast arthrography, **126:** 817, 1978
—; Freiberger, Robert H.: fractures and dislocations about the shoulder, (SR), **13:** 85, 1978
—; MacMoran, Jay W.; Funch, Robert B.; Bernhard, Robert A.; D'Orazio, Edward A.: simplified outpatient lower extremity venography, **126:** 525, 1978
Paxson, Jr., Charles L.
—; Stoerner, Joan W.; Denson, Susan E.; Adcock, III, Eugene W.; Morriss, Jr., Frank H.: syndrome of inappropriate antidiuretic hormone secretion in neonates with pneumothorax or atelectasis (ab), **127:** 849, 1978
Payne, J. Thomas. See Fullerton, Gary D.; Latchaw, Richard E.; McCullough, Edwin C.
Payot, Maurice. See Silverman, Norman H.
Paz, Guillermo. See Fishbone, Gerald
Pearce, Colin G. A. See Bromage, Philip R.
Pearce, Jan. See Haughton, Victor M.
Pearse, R. G. See Meradji, M.
Pearson, Howard A. See Dhawan, Vijay
Pease, Howard F.
—; Matsumoto, Stewart; Cacchione, Robert J.; Richards, Kent L.; Leach, John K.: lethal obstruction by aortic valvular vegetation: echocardiographic studies of endocarditis without apparent aortic regurgitation (ab), **128:** 860, 1978
Pechacek, Leonard W. See Krajcer, Zvonimir
Pechman, Robert
—; Tetalman, Marc; Antonmattei, Sadi; Bekerman, Carlos; Olsen, John; Chiles, John: diagnostic significance of persistent colonic gallium activity: scintigraphic patterns, **128:** 691, 1978
Peck, Gary L. See Brumback, Roger A.; Dunnick, N. Reed
Pedersen, Jan Fog
percutaneous puncture guided by ultrasonic multitransducer scanning (ab), **126:** 842, 1978
Pederzoli, P. See Pistolesi, G. F.
Peete, William. See Morgan, Carlisle L.
Peiris, Jayantha B. See Wickremasinghe, Himansu R.
Pelican, George. See Butt, James
Pelletier, J. M. See Fingerhut, A.
Pena, Pedro M. See Cohen, Gerald
Pendergrass, Henry P.
invitation to the 64th scientific assembly and annual meeting (edit), **128:** 517, 1978
—; Eyler, William R.: note of thanks (edit), **129:** 833, 1978
Penning, L.
normal movements of the cervical spine, (AJR), **130:** 317, 1978
Peoples, W. M. See Alford, Bennett A.
Percarpio, Bernard
—; Price, John C.; Murphy, Patrick: endotracheal irradiation of adenoid cystic carcinoma of the trachea, **128:** 209, 1978
Pereira, N. See van Damme, W.
Pereiras, Raul. See Nunez, Jr., Diego
—; Miers, Walter; Hutson, Duane; Viamonte, Jr., Manuel: new technique for transhepatic liver tract dilatation: aid in transhepatic portography, **127:** 830, 1978
Pereiras, Raul V.
—; Meiers, Walter; Kunhardt, Bolivar; Troner, Michael; Hutson, Duane; Barkin, Jamie S.; Viamonte, Manuel: fluoroscopically guided thin needle aspiration biopsy of the abdomen and retroperitoneum, (AJR), **131:** 197, 1978
Perez, C. See Lequesne, M.
Perez, Carlos A. See Ragan, Don P.
—; Bauer, Walter; Garza, Raul; Royce, Robert K.: radiation therapy in the definitive treatment of localized carcinoma of the prostate (ab), **127:** 288, 1978
Perez-Candela, V. See Vidal, J.
Perez-Paya, F. See Ramos, L.
Perkin, Leigh. See Loeb, Peter M.
Perkins, Carol. See Weaver, Jr., Ralph M.
Perkins, D. Garth. See Perrin, Ronald L.
Perkins, John V. See Gilbert, Charles A.
Perkins, Patrick J.
delayed onset of secondary hypertrophic osteoarthropathy, (AJR), **130:** 561, 1978
Perl, Louis J. See Haller, Jack O.
Permanyer-Miralda, G. See Candell-Riera, J.
Pernice, Nicholas J. See Renner, Robert R.
Perpetuo, Francisco O. L. See Handel, Stanley F.
Perri, Jr., Anthony J. See Feldman, Arthur E.
Perri, Giuseppe
widening of the radial notch of the ulna: new articular change in haemophilia (ab), **129:** 566, 1978
Perrin, Ronald L.
—; Poller, William R.; Perkins, D. Garth: sternal destruction in rheumatoid arthritis (ab), **127:** 281, 1978
Perroni, Angelo August. See Avritchir, Yeochua
Perry, Henry D.
—; Hsieh, Robert C.; Evans, Richard M.: malignant melanoma of the choroid associated with spontaneous expulsive choroidal hemorrhage (ab), **128:** 851, 1978
Perry, Nelson. See Littleton, Jesse T.
Perry, Patricia E. See Burgener, Francis A.
Pessin, M. S. See Mohr, J. P.
Peters, Lester J.
—; Mason, Kathryn; McBride, William H.; Patt, Yehuda Z.: enhancement of lung colony-forming efficiency by local thoracic irradiation: interpretation of labeled cell studies, **126:** 499, 1978
Peters, Mary E. See Hesselink, John R.
Peters, Richard M. See Alazraki, Naomi P.
Peters, Robert S. See Lehman, Thomas J. A.
Petersen, C. See Pfeiffer, R. A.
Peterson, Gary H. See Miller, Roscoe E.
—; Miller, Roscoe E.: barium enema: reassessment looking toward perfection, **128:** 315, 1978
Peterson, Kirk L. See Higgins, Charles B.
Peterson, Lowell F. A.
current status of total knee arthroplasty (ab), **127:** 568, 1978
total hip arthroplasty: editorial comment (ab), **127:** 568, 1978
Peterson, Mary D. See Gagnon, William F.
Peterson, Rebecca
small vessel calcification and its relationship to secondary hyperparathyroidism in the renal homotransplant patient, **126:** 627, 1978
Pettersson, Holger. See Andersson, Ingvar
Petty, Thomas L.
—; Scoggin, Charles H.; Good, James T.: recurrent pneumonia in Behcet's syndrome: roentgenographic documentation during 13 years (ab), **128:** 273, 1978
Pfaff, W. W. See Kaude, J. V.
Pfeiffer, F. See Lutolf, U. M.
Pfeiffer, R. A.
—; Kress, H.; Baumer, N.; Sattinger, E.: beta-glucuronidase deficiency in a girl with unusual features (ab), **127:** 281, 1978
—; Bauer, H.; Petersen, C.: Schwartz-Jampel syndrome (myotonia chondrodystrophica) (ab), **127:** 280, 1978
Pfister, R. C. See Mitchell, M. E.
Pfister, Richard C. See Potsaid, Majic S.; Yoder, Isabel C.
adrenal, retroperitoneum and lower urinary tract (bk rev), **126:** 634, 1978
Phelps, Michael E.
emission computed tomography, (SNM), **7:** 337, 1977
Phelps, P. D.
—; Lloyd, G. A. S.; Sheldon, P. W. E.: congenital deformities of the middle and external ear (ab), **128:** 851, 1978
Phil, D. See Hubbard, Bethan M.
Philipp, T. See Georgi, M.
Philippart, Arvin I. See Slovis, Thomas L.
Phillips, D. L. See Hadden, R. C. M.
Phillips, Gail N.
—; Gordon, David H.; Martin, Eric C.; Haller, Jack O.; Casarella, William: Klippel–Trenaunay syndrome: clinical and radiological aspects, **128:** 429, 1978
Phillips, Harold E.
—; Carter, Anthony P.; Kennedy, Jr., Joseph L.; Rosman, N. Paul; O'Connor, John F.: Aicardi's syndrome; radiologic manifestations, **127:** 453, 1978

Phillips, John F. See Rasmussen, Susan
Phillips, John H. See Bernal-Ramirez, Jose Alberto
Phillips, Joseph F.
—; Goodwin, Donald W.; Thomson, Samuel B.; Dempsy, Peter J.: volume of the uterus in normal and abnormal pregnancy (ab), **126:** 284, 1978
Phillips, Leon A. See Daly, Michael J.
Phillips, Theodore L. See Fraser, Robert W.; Fu, Karen K.
Photopulos, G. See Jacques, Paul F.
Pickard, Sol D. See Carrilo, Antonio P.; McFarland, Thomas M.
Pickering, D. See Jones, R. W. A.
Pickering, Ernest. See Quinones, Miguel A.
Pickleman, Jack
infusion tomography of the gallbladder in suspected cases of acute cholecystitis (L), **127:** 555, 1978
Picouto, J. L. See Ramos, L.
Piekarski, J. D. See Katz, M.
Piepgras, David G. See Forbes, Glenn S.
Pierce, James C. See Kittredge, Richard D.
Pierce, James F. See Jabbari, Bahman
Pierno, Carmine. See Chandra, Ramesh
Pietra, Giuseppe G. See Miller, Wallace T.
Pike M. C. See Wilkinson, E.
Pildes, Rosita S. See Lilien, Lawrence D.
Pilepich, M. V.
—; Rene, J. B.; Munzenrider, John E.; Carter, Barbara L.: contribution of computed tomography to the treatment of lymphomas, (AJR), **131:** 69, 1978
Pilepich, Miljenko. See Munzenrider, John E.
Pilepich, Miljenko V.
—; Lambert, Peter M.: radiotherapy of carcinomas of the extrahepatic biliary system, **127:** 767, 1978
Pillari, George
—; Wind, Edward S.; Wiener, Stanley L.; Baron, Murray G.: left inferior vena cava, (AJR), **130:** 366, 1978
Pinc, Roger D. See Fitzpatrick, John J.
Pinckney, Lee
—; Parker, Bruce R.: primary coccidioidomycosis in children presenting with massive pleural effusion, (AJR), **130:** 247, 1978
Pinckney, Lee E.
—; Moskowitz, Peter S.; Lebowitz, Robert L.; Fritzsche, Peggy: renal malposition associated with omphalocele, **129:** 677, 1978
Pinsky, Steven M. See Ryo, U. Yun
Pinto, Edward R. See Rubler, Shirley
—; Damani, Prabodh M.; Sternberg, Cora N.; Liedtke, A. James: fine flutterings of the aortic valve as demonstrated by aortic valve echocardiograms (ab), **129:** 859, 1978
Pion, Sidney J. See Goldman, Stanford M.
Pio Rhoda, Claro L. See Glasser, Cary M.
Pipard, Gudrun. See Jampolis, Samuel
Piper, S. See Resnick, Donald
Piret, L. See Pauwels, S.
Piro, Anthony. See Goodman, Robert
Piro, Anthony J. See Emami, Bahman
Pisarczyk, Michael J. See Ross, Allan M.
Pistolesi, G. F.
—; Marzoli, G. P.; Quarta Colosso, P.; Pederzoli, P.; Procacci, C.: computed tomography in surgical pancreatic emergencies (ab), **129:** 563, 1978
Pitt, Bertram. See Buckley, Bernardine H.; Oster, Zvi H.
Pitt, Michael J. See Margolis, Harold S.
Pizarro, Antonio J. See Bhate, Dharmashi V.
Pizer, Stephen M.
—; Todd-Pokropek, Andrew E.: improvement of scintigrams by computer processing, (SNM), **8:** 125, 1978
Pizzimenti, John. See Walter, Joseph F.
Pizzo, Salvatore. See Miller, Michael D.
Pizzo, Salvatorie V. See Blum, Jeffrey
Pizzolato, Nicholas F.
—; Arcomano, Joseph P.; Baum, Alan E.: new contrast agent for oral cholecystography: iopronic acid (Oravue), (AJR), **130:** 845, 1978
Plassche, Jr., Walter M. See Lin, Shu-Ren
Plauth, William. See Felner, Joel M.
Ploder, Karl-Walter. See Becker, Hartmut
Podolny, Gary A.
Crohn's disease presenting with massive lower gastrointestinal hemorrhage, (AJR), **130:** 368, 1978
Polansky, S. M.
—; Frank, A.; Ablow, R. C.; Effmann, E. L.: congenital tuberculosis, (AJR), **130:** 994, 1978
Polcyn, Robert E. See Venkatesh, Nagammal
Poleski, Martin H. See Lightdale, Charles J.
Poleynard, Gary D.
—; Marty, Alan T.; Birnbaum, William B.; Nelson, Lawrence E.; O'Reilly, Richard R.: adenocarcinoma in the columnar-lined (Barrett) esophagus: case reports and review of the literature (ab), **126:** 835, 1978
Polishuk, W. Z. See Weinstein, D.
Pollack, Howard. See Brennan, Richard
Pollack, Howard M. See Feldman, Arthur E.; Kilcheski, Thomas S.
—; Wills, John S.: radiographic features of ureteral endometriosis, (AJR), **131:** 627, 1978
—; Arger, Peter H.; Goldberg, Barry B.; Mulholland, S. Grant: ultrasonic detection of nonopaque renal calculi, **127:** 233, 1978
—; DeBenedictis, Thomas J.; Marmar, Joel L.; Praiss, Donald E.: urethrographic manifestations of venereal warts (condyloma acuminata), **126:** 643, 1978
Pollak, Lester. See Nusbacher, Noel
Poller, William R. See Perrin, Ronald L.
Pollock, James. See Enzmann, Dieter R.
Pond, Gerald D.
—; Ovitt, Theron W.; Witte, Charles L.; Farrell, Kevin: aneurysm of the superior hemorrhoidal artery: unusual cause of massive rectal bleeding (ab), **126:** 279, 1978
Poole, Catherine A. See Wexler, Howard A.
Poolos, Pete N. See Gardner, W. James
Poon, P. Y. See Rideout, D. F.
Popken, H. See Lehmann, H.
Popkin, Michael K.
—; Prem, Konald A.; Hall, Richard C. W.; Cairns, Lawrence C.; Jones, Jr., Thomas K.: closed-circuit television monitoring of problematic radiotherapy patients, **127:** 832, 1978
Port, Ronald B. See Bekerman, Carlos; Ghahremani, Gary G.
Porter, William. See Dworkin, Howard J.
Ports, Thomas A.
—; Schiller, Nelson B.; Strunk, Brian L.: echocardiography of right ventricular tumors (ab), **126:** 840, 1978
Poskanzer, Lucille B. See Golbus, Mitchell S.
Post, M. Judith Donovan
—; Gargano, Fredie P.; Vining, Donald Q.; Rosomoff, Hubert L.: comparison of radiographic methods of diagnosing constrictive lesions of the spinal canal: Toshiba unit vs. CT scanner (ab), **129:** 854, 1978
Postlethwait, R. W. See Daffner, Richard H.
Potchen, E. J. See Blackwell, James E.
Potsaid, Majic S.
—; Rhea, James T.; Llewellyn, Henry J.; Pfister, Richard C.; Newhouse, Jeffrey H.; Yoder, Isabel C.: quality assessment and assurance in diagnostic imaging: theoretical and practical considerations and a quality audit of the excretory urogram, **127:** 583, 1978
Potter, Guy D.
radiology of the nose, paranasal sinuses and nasopharynx. section 2 of Golden's diagnostic radiology (bk rev), **127:** 664, 1978
Potter, Murray. See Dworkin, Howard J.
Potts, D. Gordon. See Ahmadi, Jamshid
Pouliquen, J. C. See Beneux, J.
Poulsen, Poul Ejby. See Hegedus, Viktor
Pourchet, J. See Fingerhut, A.
Powers, James M.
—; Rawe, Stephen E.; Earlywine, Garnett R.: lead encephalopathy simulating a cerebral neoplasm in an adult: case report (ab), **127:** 844, 1978
Powers, Peter. See Hull, Russell
Poznanski, Andrew K. See Bean, Mark S.; Hernandez, Ramiro; Hernandez, Ramiro J.
—; Hernandez, Ramiro J.; Guire, Kenneth E.; Bereza, Ulana L.; Garn, Stanley M.: carpal length in children—useful measurement in the diagnosis of rheumatoid arthritis and some congenital malformation syndromes, **129:** 661, 1978
diagnostic clues in the growing ends of bone (ab), **129:** 565, 1978
—; Garn, Stanley M.; Kuhns, Lawrence R.; Shaw, Helen A.: disharmonic skeletal maturation in the congenital malformation syndrome (ab), **126:** 554, 1978
skeletal maturity. the knee joint as a biological indicator (bk rev), **126:** 88, 1978
Prabhu, Ravindra. See D'Cruz, Ivan A.
Praiss, Donald E. See Debenedictis, Thomas J.; Pollack, Howard M.
Prakash, B. See Mohanty, S.
Prakash, Ravi
—; Lindsey, Paul: determination of right ventricular wall thickness by echocardiogram (ab), **128:** 573, 1978
Prather, Jerry L.
—; Nusynowitz, Martin L.; Snowdy, Harry A.; Hughes, Alan D.; McCartney, William H.; Bagg, Raymond J.: scintigraphic findings in stress fractures (ab), **127:** 860, 1978
Prato, Frank S.
—; Kurdyak, Ruth; Saibil, Eric A.; Rider, Walter D.; Aspin, Norman: regional and total lung function in patients following pulmonary irradiation (ab), **126:** 560, 1978
Pratt, Charles B. See Ransom, J. Laurence
—; Smith, John W.; Woerner, Sarah; Mauer, Alvin M.; Hustu, H. Omar; Johnson, Warren W.; Shanks, Ellen C.: factors leading to delay in the diagnosis and affecting survival of children with head and neck rhabdomyosarcoma (ab), **128:** 271, 1978
Prem, Konald A. See Popkin, Michael K.
Prentice, Robert L. See Williams, Charles H.
Prescott, Stephen M.
—; Tikoff, Gerasim; Coleman, R. Edward; Richards, Kent L.; Armstrong, Jr., John D.; Hershgold, Edward L.; McDaniel, Dwight C.; Ganchan, Richard P.: ^{131}I-labeled fibrinogen in the diagnosis of deep vein thrombosis of the lower extremities, (AJR), **131:** 451, 1978
Press, Jr., Harry C. See Cantwell, Kathleen G.
Pribram, H. F. W. See Boroff, R. D.; Conroy, Robert M.
Price, C. H. G. See Roberts, P. H.
Price, Hilton I.
—; Danziger, Alan: computed tomography in cranial tuberculosis, (AJR), **130:** 769, 1978
Price, John C. See Percarpio, Bernard
Pridgen, Jr., James E.
—; Aust, J. Bradley; McInnis, W. David: primary intrahepatic gallstones (ab), **127:** 565, 1978
Pringsheim, W. See Schindera, F.
Pritchard, J. See Winston, M. A.
Pritchard, J. H. See Winston, M. A.
Probst, P. See Formanek, Augustin
Probst, Peter. See Gomes, Antoinette S.
—; Rysavy, Joseph A.; Amplatz, Kurt: improved safety of splenoportography by plugging of the needle tract, (AJR), **131:** 445, 1978
—; Castaneda-Zuniga, W. R.; Gomes, Antoinette S.; Yonehiro, Earl G.; Delaney, John P.; Amplatz, Kurt: nonsurgical treatment of splenic-artery aneurysms, **128:** 619, 1978
Procacci, C. See Pistolesi, G. F.
Procacci, P. M.
—; Levites, Rafael; Kotler, Morris N.; Anderson, Gary J.: dissimilar atrial rhythms diagnosed by echocardiography (ab), **128:** 573, 1978
Proctor, Donald F. See Stitik, Frederick P.
Protell, Robert L. See Rohrmann, Jr., Charles A.
Proto, Anthony V. See Heitzman, E. Robert
—; Lane, Edward J.: 350 kVp chest radiography: review and comparison with 120 kVp, (AJR), **130:** 859, 1978
Pudlowski, R. M. See Naidich, T. P.
Pudlowski, Rochelle. See Firooznia, Hossein
Pudlowski, Rochelle M. See Naidich, James B.
Pueyo, I.
—; Jimenez, J. R.; Hernandez, J.; Brugarolas, A.; Garcia-Moran, M.; Garcia-Muniz, J. L.; Arroyo, F.: carcinoid syndrome treated by hepatic embolization, (AJR), **131:** 511, 1978
Pugatch, Robert D. See Robbins, Alan H.
—; Braver, John H.; Robbins, Alan H.; Faling, L. Jack: CT diagnosis of pericardial cysts, (AJR), **131:** 515, 1978
Puhl, W. See Niethard, F. U.
Pujara, Subash. See Jander, H. Peter
Pulec, Jack L.
glandular tumors of the external auditory canal (ab), **128:** 562, 1978
—; Freedman, Harvey M.: management of congenital ear abnormalities (ab), **129:** 850, 1978
Pulmano, Calixto M. See Chuang, Vincent P.
Pulsinelli, W. A.
—; Rottenberg, D. A.: painful tic convulsif (ab), **126:** 274, 1978
Punto, L.
—; Mokka, R. E. M.: rontgencinematography and manometry following Nissen's fundoplication (ab), **128:** 566, 1978
Puppo, P. See Carmignani, G.
Purcell, Lee H. See Jelaso, David V.
Purdy, James A.
—; Keys, David J.; Abrath, Fred G.: 25 MV x-ray beam characteristics from a 35 MeV linear accelerator (ab), **129:** 286, 1978
Puthawala, Ajmel. See Syed, A. M. Nisar
Putman, C. E. See Bein, M. E.
Putman, Charles E. See Daffner, Richard H.; Dodd, Gerald D.; Simeone, Joseph F.
—; Loke, Jacob; Matthay, Richard A.; Ravin, Carl E.: radiographic manifestations of acute smoke inhalation, (AJR), **129:** 865, 1977

Q

Qazi, Q. H. See Kassner, E. G.
Quan, T. J. See Baskin, B.
Quarta Colosso, P. See Pistolesi, G. F.

Quash, Joseph A.
—; Davia, James E.; deCastro, Carlos M.; Bowen, Thomas E.; Green, David C.: echocardiography in Lutembacher's syndrome (ab), **127:** 572, 1978
Quayum, M. A.
—; Glennie, J. McD.; Orr, J. S.: carcinoma of the larynx—results of primary radiotherapy (ab), **129:** 862, 1978
Quencer, Robert M. See Gilner, Leon I.
Quesada-Calvo, Efraim. See Loria-Cortes, Rodrigo
Quick, Cedric A. See Diaz, Fernando
Quinn, III, James L. See Singh, Bhurji N.
Quinn, Michael. See Gordonson, Jay
Quinones, Jose D. See Sostre, Samuel
Quinones, Miguel A.
—; Pickering, Ernest; Alexander, James K.: percentage of shortening of the echocardiographic left ventricular dimension: its use in determining ejection fraction and stroke volume (ab), **129:** 859, 1978
Quintiliani, Richard. See Weinstein, Melvin P.
Qureshi, Saeeda
—; Wagner, Jr., Henry N.; Alderson, Philip O.; Housholder, Daniel F.; Douglass, Kenneth H.; Lotter, Mattheus G.; Nickoloff, Edward L.; Tanabe, Masatada; Knowles, Lloyd G.: evaluation of left-ventricular function in normal persons and patients with heart disease (ab), **128:** 284, 1978

R

Rabin, I. See Kaplan, B. S.
Rabin, Michael Stanley
—; Bledin, Anthony Gerald; Lewis, Dorothy: polypoid leukemic infiltration of the large bowel, (AJR), **131:** 723, 1978
Rabinowitz, Jack G. See Himmelfarb, Elliott; Sebes, Jeno I.
Rabinowitz, Ronald. See Segal, Arthur J.
Rabuzzi, Daniel D. See Gould, Leo V.
Rachima, M. See Lubin, E.
Rachwal-Kleinrok, Eva. See Ulbrych-Jablonska, Anna
Rackley, Charles E. See Dye, Larry E.
Radhakrishnan, Jayant. See Asokan, Sangarappillai
Radue, E. W. See Zilkha, E.
—; Kendall, B. E.: iodide and xenon enhancement of computed tomography (CT) in multiple sclerosis (MS) (ab), **129:** 851, 1978
Radvany, Joao
—; Levine, Harvey: computed tomography in the diagnosis of primary lymphoma of the central nervous system (ab), **129:** 272, 1978
Raeside, David E. See Vanhoutte, Jean J.
—; Anderson, David W.; Galloway, Dan C.: study of the dose to the thyroid and the eye in computed tomography of the brain, **129:** 814, 1978
Rafii, Mahvesh. See Firooznia, Hossein
Ragan, Don P.
data management and radiotherapy, **129:** 777, 1978
—; Perez, Carlos A.: efficacy of CT-assisted two-dimensional treatment planning: analysis of 45 patients, (AJR), **131:** 75, 1978
Ragins, H. See Turner, S. S.
Ragnhult, Inger. See Tisell, Lars-Eric
Raichle, Marcus E. See Grubb, Jr., Robert L.
Raines, J. Richard. See Sayler, Clinton
Ramenofsky, Max L. See Leonidas, John C.
Ramilo, Jose. See Harris, Vivian J.
—; Harris, Vivian J.; White, Harvey: empyema as a complication of retropharyngeal and neck abscesses in children, **126:** 743, 1978
Ramirez, Guillermo. See Narsete, Thomas
Ramirez, Jairo
—; Guardiola, Juan; Flowers, Nancy C.: echocardiographic diagnosis of ruptured aortic valve leaflet in bacterial endocarditis (ab), **128:** 281, 1978
Ramirez-Lassepas, Manuel
—; McClelland, Robert R.; Snyder, Bruce D.; Marsh, Donald G.: cervical myelopathy complicating cerebral angiography: report of a case and review of the literature (ab), **128:** 277, 1978
Ramos, Alvaro J.
—; Watts, Jr., Frederick B.; Timmons, John W.: urinal artifact, **128:** 807, 1978
Ramos, Francisco M. See Jannetta, Peter J.
Ramos, L.
—; Marcos, J.; Illanas, M.; Hernandez-Mora, M.; Perez-Paya, F.; Picouto, J. L.; Santana, P.; Chantar, C.: radiological characteristics of primary intestinal lymphoma of the "Mediterranean" type: observations on twelve cases, **126:** 379, 1978
Ramsay, Norma K. C.
—; Dehner, Louis P.; Coccia, Peter F.; D'Angio, G. J.; Nesbit, Mark E.: acute hemorrhage into Wilms' tumor: cause of rapidly developing abdominal mass with hypertension, anemia, and fever (ab), **128:** 569, 1978
Ramsdell, Joe W. See Alazraki, Naomi P.
Ramsey, Craig. See Amorosa, Judith Korek
Rand, Robert W. See DiTullio, Jr., Michael V.
Randall, Carrie L. See DeBeukelaer, Martin M.
Randall, Patricia Ann
Mach bands in cine coronary arteriography, **129:** 65, 1978
Raney, Alex M.
ureteral trauma: effects of ureteral ligation with and without deligation—experimental studies and case reports (ab), **128:** 570, 1978
Ranganath, K. A. See Afroudakis, A.
Rangarathnam, Candadai S. See Karasick, Stephen
Rankin, Robert. See Weyman, Arthur E.
Rankin, Ronald S. See Crummy, Andrew B.; Miller, Jr., Franklin J.; Schroeder, Franz Michael
Rankin, T. V. See Yasargil, M. G.
Rankow, Robin M.
—; Abraham, David M.: actinomycosis: masquerader in the head and neck (ab), **129:** 850, 1978
Ransom, J. Laurence
—; Pratt, Charles B.; Shanks, Ellen: childhood rhabdomyosarcoma of the extremity: results of combined modality therapy (ab), **127:** 576, 1978
Ranson, B. See Enzmann, Dieter R.
Rao, Aroor R. See Gilbert, Harvey A.
Rao, Chadalawada N.
—; Blaivas, Jerry G.: primary renal artery dissecting aneurysm: review (ab), **127:** 283, 1978
Rao, Gopal. See Chamorro, Hector
Rao, Gopala. See Zeman, Gary H.
Rao, Kommareddi Nageswara. See Guzowski, Jacobo
Rao, Ravindra P. See Agarwal, Suresh K.
Rao, Sheshagiri A. S. See Conrad, Anne R.
Raphael, M. J. See Chapman, A. H.
Rappoport, Arnold S. See Weissman, Barbara N.
Raptopoulos, Vassillios
—; Schellinger, Dieter; Katz, Sol: computed tomography of solitary pulmonary nodules: experience with scanning times longer than breath-holding (ab), **127:** 849, 1978
Rasanen, O. See Karma, P.
Rashad, Fouad A.
—; Bellon, Errol M.: arteriovenous malformation of the right leaf of the diaphragm communicating with vascular malformation of the right lung, (AJR), **131:** 507, 1978
Raskin, Michael M.
—; Cunningham, James B.: comparison of computed tomography and ultrasound for abdominal aortic aneurysms: preliminary study (ab), **128:** 853, 1978
Rasmussen, Susan
—; Corya, Betty C.; Feigenbaum, Harvey; Knoebel, Suzanne B.: detection of myocardial scar tissue by M-mode echocardiography (ab), **127:** 859, 1978
—; Corya, Betty C.; Feigenbaum, Harvey; Black, Mary Jo; Lovelace, D. Eugene; Phillips, John F.; Noble, R. Joe; Knoebel, Suzanne B.: stroke volume calculated from the mitral valve echogram in patients with and without ventricular dyssynergy (ab), **129:** 858, 1978
Ratanaprakarn, Sirimana. See Sandler, Michael A.
Ratshin, Robert A. See Massie, Barry M.
Raulston, Gilbert L.
—; Gray, Kenneth N.; Gleiser, Chester A.; Jardine, John H.; Flow, Bryan L.; Huchton, Judy I.; Bennett, Kent R.; Hussey, David H.: comparison of the effects of 50 $MeV_{d \to Be}$ neutron and cobalt-60 irradiation of the kidneys of rhesus monkeys, **128:** 245, 1978
Ravin, Carl E. See Glanz, Sidney; Putman, Charles E.
—; Kelley, Michael J.; Greenspan, Richard H.: chest pain in the nontraumatized patient, (RCNA), **16:** 3, 1978
Rawe, Stephen E. See Powers, James M.
Rawitscher, Robert E. See Boysen, Philip G.
Ray, Rose M. See Roge, Claude L. L.
Rayudu, Garimella V. S. See Turner, David A.
Razzak, Muhammad A. See Verani, Mario S.
Reba, Richard C. See Rohatgi, Prashant K.
Recchia, M. See Masera, G.
Rechnic, Y. See Lubin, E.
Rector, William R. See Ghorashi, Bijan
Redding, Ralph A. See Carrington, Charles B.
Reddish, Joseph M. See Griscom, N. Thorne
Reddy, G. N. See Whitmore, Jr., W. F.
Reddy, P. Sudhakar. See Salerni, Rosemarie
Reddy, Rajaram. See Johnson, A. Chandrahasan
Redhammer, Dorothy E. See Barkin, Jamie
Redman, Helen C.
computed tomography of the pelvis, (RCNA), **15:** 441, 1977
Reed, George F. See Colton, Raymond H.
Reed, George T. See Gould, Leo V.
Reed, James C. See Blum, Jeffrey
—; Hallet, Kathleen Kagan; Feigin, David S.: neural tumors of the thorax: subject review from the AFIP, **126:** 9, 1978
Reed, Joseph O. See Slovis, Thomas L.
Reed, Martin H. See Gillies, John D.; Hunter, Alasdair G. W.
Reed, William. See Morgan, David L.
Reeder, Maurice M.
pleural-based lesion arising from lung, pleura, or chest wall, (SR), **12:** 261, 1977
Rees, Allan H.
—; Elbl, Francisco E.; Minhas, Kareem V.; Solinger, Robert E.: echocardiographic evidence of left ventricular tumor in a neonate (ab), **128:** 572, 1978
Reese, D. F. See Gomez, M. R.
Reese, David F. See Robertson, Jr., William C.
Reese, Lionel. See Lesk, David M.
Reese, M. See Nickoloff, E. L.
Reeves, William C. See Hess, Paul G.
—; Nanda, Navin C.; Gramiak, Raymond: echocardiography in chronic alcoholics following prolonged periods of abstinence (ab), **129:** 859, 1978
—; Nanda, Navin C.; Gramiak, Raymond: relationship between aortic valve closure and aortic root motion: echocardiographic study, **127:** 751, 1978
Reggi, M. See Coubier, R.
Rehn, Terry G. See Alderson, Philip O.
Reich, Norbert E. See Haaga, John R.; Havrilla, Thomas R.; Lalli, Anthony F.
Reichardt, Jens. See Hegedus, Viktor
Reichart, Timothy J. See Holinger, Paul C.
Reichert, Timothy J.
—; Bluestone, Charles D.; Stool, Sylvan E.; Sieber, William K.; Sieber, Anne M.: congenital cricopharyngeal achalasia (ab), **127:** 848, 1978
Reid, Barbara S. See Ledesma-Medina, Jocyline
Reid, Ian S. See McCredie, Janet
Reid, Lynne
lung: its growth and remodeling in health and disease, (AJR), **129:** 777, 1977
Reidy, J. R. See de Lacey, G. J.
Reilly, Bernard J. See Slovis, Thomas L.
Reinke, D. B. See Shafer, R. B.
Reinke, Robert T. See Higgins, Charles B.
Reinstein, Lawrence E.
—; McShan, Daniel; Webber, Banice M.; Glicksman, Arvin S.: computer-assisted three-dimensional treatment planning system, **127:** 259, 1978
Remy, J.
—; Smith, M.; Marache, Ph.; Nuyts, J. P.: pathogenetic left "tracheal" bronchus: 4 cases and review of the literature (ab), **128:** 273, 1978
Rene, J. B. See Pilepich, M. V.
Rene-Ferrero, Juan B. See Munzenrider, John E.
Renigers, S. A.
—; Spigos, D. G.: pseudoaneurysm of the arterial anastomosis in a renal transplant, (AJR), **131:** 525, 1978
Rennell, Charles
—; Mainzer, Frank; Multz, Carter V.; Genant, Harry K.: subchondral pseudocysts in rheumatoid arthritis, (AJR), **129:** 1069, 1977
Renner, Robert R.
—; Pernice, Nicholas J.: apical cap, (SR), **12:** 299, 1977
—; Mauler, George G.; Ambrose, J. Lee: radiologist, the orthopedist, the lawyer, and the fracture, (SR), **13:** 7, 1978
Renouf, J. H. P. See Ho, C. S.
Renshaw, Thomas S.
sacral agenesis: classification and review of twenty-three cases (ab), **129:** 566, 1978
Reolon, M. See Capesius, P.; van Damme, W.
Resnick, D. See Weissberg, D. L.
Resnick, Donald. See Armbuster, Thomas G.; Chafetz, Neil; Feingold, Mitchell L.; Goergen, Thomas G.; Guerra, Jr., Jose
—; Broderick, Thomas W.: bony proliferation of terminal toe phalanges in psoriasis: "ivory" phalanx (ab), **127:** 853, 1978
—; Niwayama, Gen: intravertebral disk herniations: cartilaginous (Schmorl's) nodes, **126:** 57, 1978

—; Newell, John D.; Guerra, Jr., Jose; Danzig, Larry A.; Niwayama, Gen; Goergen, Thomas G.: proximal tibiofibular joint: anatomic-pathologic-radiographic correlation, (AJR), **131:** 133, 1978
roentgen signs of emergent spines, (RCNA), **16:** 65, 1978
—; Greenway, Guerdon; Vint, Vinton C.; Robinson, Charles A.; Piper, S.: selective involvement of the first carpometacarpal joint in scleroderma, (AJR), **131:** 283, 1978
skeletal aches and pains, (RCNA), **16:** 37, 1978
Resnick, Jack S. See Alford, Bennett A.
Resnick, Martin I.
—; Willard, James W.; Boyce, William H.: ultrasonic evaluation of the prostatic nodule (ab), **129:** 573, 1978
Retik, Alan B. See Bauer, Stuart B.
Reuter, Stewart R. See Walter, Joseph F.
Rey, A. See Djindjian, M.
Reyes, R. Garcia. See Castaneda-Zuniga, Wilfrido
Reza, Michael. See Bentson, John
Rezai-Zadeh, Karim. See Bitran, Jacob D.
Rezvani, L. See Vessal, K.
Rhea, James T. See Potsaid, Majic S.
Rhee, Jai J. See Zoneraich, Samuel
Rhodes, W. H. See Gohel, Vijay K.
Rhoton, Jr., Albert L. See Saeki, Naokatsu; Zeal, Arnold A.
Rice, Reed P. See Kelvin, Frederick M.; Oddson, Terrence A.; Older, Robert A.
Richards, Gail E. See Wara, William M.
Richards, Kent L. See Pease, Howard F.; Prescott, Stephen M.
Richards, Powell. See Hegge, Frederick N.
Richardson, Miriam M.
—; Beaudet, Arthur L.; Wagner, Milton L.; Malini, Srini; Rosenberg, Harvey S.; Lucci, Jr., Joseph A.: prenatal diagnosis of recurrence of Saldino-Noonan dwarfism (ab), **127:** 853, 1978
Richardson, Paul R. See Bredin, Charles P.
Richey, Duane C. See Dublin, Arthur B.
Richey, W. See Jacques, Paul F.
Richie, Jerome J.
—; Nicholson, Thomas C.; Hunting, Daniel; Brosman, Stanley A.: radiographic abnormalities in acute pyelonephritis (ab), **129:** 571, 1978
Richli, William. See Waxman, Alan D.
Richman, Chaim
—; Rodriguez, Jr., Joe F.; Malcom, Jack E.; Stein, Myron L.: three dose components of a negative pion beam and their role in pion radiotherapy, **128:** 757, 1978
Richman, Robert A. See Nelken, Robert P.
Rickwood, A. M. K.
transient ureteric dilatation in neonates with imperforate anus: report of 4 cases (ab), **128:** 857, 1978
Riddell, Robert H. See Frank, Paul H.
Riddlesberger, M. M.
technique for enhancing the visualization of "peritoneal sacs" during inguinal herniography, **128:** 831, 1978
Rideout, D. F.
—; Poon, P. Y.: patterns of breast parenchyma on mammography (ab), **128:** 564, 1978
Rider, Walter D. See Prato, Frank S.
Ridge, H. See Drennan, J. C.
Riedl, P. See Lechner, G.
Riemens, V. See Julien, J.
Rigault, P. See Beneux, J.
Riggs, Thomas
—; Hirschfeld, Stephen; Borkat, Gordon; Knoke, James; Liebman, Jerome: assessment of the pulmonary vascular bed by echocardiographic right ventricular systolic time intervals (ab), **128:** 859, 1978
Righetti, Alberto. See Henning, Harmut
—; Crawford, Michael H.; O'Rourke, Robert A.; Daily, Pat O.; Ross, Jr., John: echocardiographic and roentgenographic determination of left ventricular size after coronary arterial bypass graft surgery (ab), **126:** 842, 1978
Rigler, Leo G.
overview of diseases of the pleura, (SR), **12:** 265, 1977
Riley, Richard F. See Norman, Amos
Riley, Richard R. See Goergen, Thomas G.
Riley, Jr., Stancel M.
—; Blackstone, Eugene H.; Sterling, William A.; Diethelm, Arnold G.: echocardiographic assessment of cardiac performance in patients with arteriovenous fistulas (ab), **128:** 573, 1978
Rimoin, David L. See Romeo, Giovanni
Ring, Ernest J. See Freiman, David B.; Oleaga, Juan A.
—; Oleaga, Juan A.; Freiman, David; Husted, James W.; Waltman, Jr., Arthur C.; Baum, Stanley: pitfalls in the angiographic management of hemorrhage: hemodynamic considerations, (AJR), **129:** 1007, 1977
—; Oleaga, Juan A.; Freiman, David B.; Husted, James W.; Lunderquist, Anders: therapeutic applications of catheter cholangiography, **128:** 333, 1978
Ritchie, James L. See Hamilton, Glen W.; Hegge, Frederick N.
Ritman, Erik L. See Sutton, Martin G. St. John
Rittenberg, Gerald. See Miller, Wallace T.
Rittenberg, Gerald M. See Meredith, Hubert C.; Schabel, Stephen I.
—; Schabel, Stephen I.; Nelson, Robert P.: bilateral spontaneous urinary extravasation in ureteral obstruction, **127:** 648, 1978
—; Schabel, Stephen I.; Vujic, Ivan; Meredith, Herbert C.: vascular 'sunburst' appearance of osteosarcoma: new angiographic finding (ab), **129:** 280, 1978
Rittenburg, Gerald. See Seymour, E. Q.
Ritter, Donald G. See Davis, George D.; Spangler, John G.; Sutton, Martin G. St. John
Rius, Jorge. See de LaTorre, Francisco J.
Rivellese, A. See Sanderson, J. E.
Rivkin, S. E. See Livingston, R. B.
Robbins, Alan H. See Pugatch, Robert D.; Widrich, Warren C.
—; Pugatch, Robert D.; Gerzof, Stephen G.; Faling, Leendert J.; Johnson, Willard C.; Sewell, David H.: observations on the medical efficacy of computed tomography of the chest and abdomen, (AJR), **131:** 15, 1978
Robbins, Barry
—; Marshall, Jr., William H.: computed tomography of acoustic neurinoma, **128:** 367, 1978
Robbins, Jay H. See Brumback, Roger A.
Robboy, Stanley J. See Greenes, Robert A.
Roberson, Glenn H. See Tadmor, Rina
Roberts, Cameron
intrauterine diagnosis of omphalocele, **127:** 762, 1978
Roberts, E. E. See Roberts, G. M.
Roberts, Fred F.
—; Kishore, Pulla R. S.; Cunningham, Mary E.: routine oblique radiography of the pediatric lumbar spine: is it necessary? (AJR), **131:** 297, 1978
Roberts, G. M.
—; Roberts, E. E.; Davies, R. Li; Evans, K. T.: *in vivo* and *in vitro* assessment of barium sulphate suspensions (ab), **127:** 567, 1978
Roberts, Geraint M. See Ariyama, Joe
Roberts, J. T. See Muirhead, W.
Roberts, Larry K.
—; Gerald, Barry: absence of both common carotid arteries, (AJR), **130:** 981, 1978
Roberts, Jr., Leroy. See Limberakis, Anthony J.
Roberts, Margaret. See Webb, W. Richard
Roberts, P. H.
—; Price, C. H. G.: chondrosarcoma of the bones of the hand (ab), **126:** 279, 1978
Roberts, Robert. See Fleg, Jerome L.
Roberts, Ronald C.
—; Moore, Vernon L.: immunopathogenesis of hypersensitivity pneumonitis (ab), **127:** 562, 1978
Roberts, William C. See Andy, Joseph J.; Maron, Barry J.
Robertson, H. See Vessal, K.
Robertson, James S. See Gorman, Colum A.
Robertson, M. R. See Jones, B. J.
Robertson, Jr., William C.
—; Gomez, Manuel R.; Reese, David F.; Okazaki, Haruo: computerized tomography in demyelinating disease of the young (ab), **128:** 280, 1978
Robertson, William D.
—; Newton, Thomas H.: radiologic assessment of pituitary microadenomas, (AJR), **131:** 489, 1978
Roberts-Thomson, Ian C.
endoscopic retrograde pancreatography: analysis of the normal pancreatogram, and changes which are associated with chronic pancreatitis and pancreatic cancer (ab), **128:** 854, 1978
Robillard, J. See Larra, F.
Robinow, Meinhard. See Johnson, G. Frank
—; Johanson, Ann J.; Smith, Thomas H.: Lenz-Majewski hyperostotic dwarfism: syndrome of multiple congenital anomalies, mental retardation, and progressive skeletal sclerosis (ab), **127:** 853, 1978
Robinson, Alvin. See Newmark, III, Harris
Robinson, Charles A. See Resnick, Donald
Robinson, Dwight R. See Baker, Stuart B.
Robinson, Manfred. See Dotter, Charles T.
Robinson, Ralph G. See Karlin, Charles A.; Lee, Kyo Rak
Robinson, Theodore. See Amorosa, Judith Korek
Roche, A.
—; Doyon, D.; Harry, G.; Benozio, M.: hemobilia: treatment by arterial embolization (ab), **129:** 278, 1978
Rochester, David. See Bowie, James D.
—; Aronson, Andrew J.; Bowie, James D.; Kunzmann, Axel: ultrasonic appearance of acute poststreptococcal glomerulonephritis (ab), **129:** 861, 1978
—; Levin, Bernard; Bowie, James D.; Kunzmann, Axel: ultrasonic appearance of the Krukenberg tumor, (AJR), **129:** 919, 1977
Rodallec, A. See Cabanis, E. A.; Salvolini, U.
Rodriguez, Jr., Joe F. See Richman, Chaim
Roe, Thomas F. See Miller, John H.
Roeck, Werner W.
—; Milne, Eric N. G.: highly accurate focal spot camera—laboratory and field model, **127:** 779, 1978
Roenspies, U.
—; Morin, D.; Gloor, E.; von Hochstetter, A. R.; Saegesser, F.; Senning, A.: bronchopulmonary hamartomas, chondromas, fibromas, and myxomas (ab), **128:** 565, 1978
Roge, Claude L. L.
—; Silverman, Norman H.; Hart, Patricia A.; Ray, Rose M.: cardiac structure growth pattern determined by echocardiography (ab), **127:** 858, 1978
Rogers, Charles C. See Hussey, David H.
—; Hussey, David H.; Parker, Robert A.; Cohen, Lionel: future neutron therapy clinical trials in the United States (ab), **129:** 288, 1978
Rogers, Charles I. See Schabel, Stephen I.
Rogers, Lee F. See Calenoff, Leonid; Cisternino, Stephan J.; Milgram, James W.; Mintzer, Richard A.
fractures and dislocations of the elbow, (SR), **13:** 97, 1978
—; Campbell, Robert E.: fractures and dislocations of the foot, (SR), **13:** 157, 1978
—; Malave, Jr., Salvador; White, Harvey; Tachdjian, Mihran O.: plastic bowing, torus and greenstick supracondylar fractures of the humerus: radiographic clues to obscure fractures of the elbow in children, **128:** 145, 1978
—; Goldstein, Harvey M.: roentgen manifestations of radiation injury to the gastrointestinal tract (ab), **127:** 576, 1978
Rogers, Lowell. See Nance, Jr., E. Paul
Rogers, W. Leslie. See Keyes, Jr., John W.
Rogers, William F.
—; Shaub, Michael; Wilson, Robert: chronic ectopic pregnancy: ultrasonic diagnosis (ab), **126:** 557, 1978
Rogovitz, David M. See Byrd, Sharon E.
Rohatgi, Prashant K.
—; Simon, David B.; Goldstein, Robert A.; Reba, Richard C.: strontium-87m lung scans in pulmonary aspergillosis, (AJR), **129:** 879, 1977
Rohlfing, Barbara M. See Moss, Albert A.; Shanser, Jon D.; Webb, W. Richard
—; White, Eric A.; Webb, W. Richard; Goodman, Philip C.: hilar and mediastinal adenopathy caused by bacterial abscess of the lung, **128:** 289, 1978
Rohrmann, Jr., Charles A.
—; Ansel, Howard J.; Freeny, Patrick C.; Silverstein, Fred E.; Protell, Robert L.; Fenster, L. Frederick; Ball, Terrence; Vennes, Jack A.; Silvis, Stephen E.: cholangiographic abnormalities in patients with inflammatory bowel disease, **127:** 635, 1978
—; Kidd, Reiley: chronic mucocutaneous candidiasis: radiologic abnormalities in the esophagus, (AJR), **130:** 473, 1978
Roland, Jean-Michel. See Udoff, Eric J.
Rolett, Ellis L. See Hecht, Harvey S.
Rolfe, Rial. See Butt, James
Rollo, F. David
—; Hoffer, Paul B.: comparison of whole-body-imaging methods, (SNM), **7:** 315, 1977
Romanet, P. See Boudou, A.
Romeo, Giovanni
—; Zonana, Jonathan; Rimoin, David L.; Lachman, Ralph S.; Scott, Jr., Charles I.; Kaveggia, Elisabeth G.; Spranger, Jurgen W.; Opitz, John M.: heterogeneity of nonlethal severe short-limbed dwarfism (ab), **128:** 568, 1978
Ronat, R. See Fingerhut, A.
Rontal, Michael
—; Durita, G.: proboscis lateralis: case report and embryologic analysis (ab), **127:** 848, 1978
Roos, B. See Bartholdson, L.
Roosenberg, Robert R. See Wolter, J. Reimer

Root, John A. See Giustra, Peter E.
Rosch, J. See Gutierrez, O. H.
Rosch, Josef. See Dotter, Charles T.; Keller, Frederick S.
—; Mayer, Barry S.; Campbell, John R.; Campbell, Timothy J.: "vascular" benign liver cyst in children: report of two cases, **126:** 747, 1978
Rosch, Joseph
—; Neerhout, Robert C.; Campbell, John R.; Stevens, Kenneth R.: contribution of angiography to the diagnosis, staging and assessment of radiation and chemotherapy of solid abdominal malignancies in children (ab), **128:** 570, 1978
Rose, Angela W. See Carretta, Robert F.
Rose, John D. See Mills, Peter G.
Rose, Judith. See Yeh, Hsu-Chong
Rose, Judith S. See Brill, Charles B.
Rosen, Isaac I. See Lane, Richard G.
Rosen, Joel S. See Calenoff, Leonid
Rosen, Paul P. See Turbiner, Elliott H.
Rosen, Yale
—; Amorosa, Judith K.; Moon, Sanggiu; Cohen, Jeffrey; Lyons, Harold A.: occurrence of lung granulomas in patients with stage I sarcoidosis, (AJR), **129:** 1083, 1977
Rosenak, Bernard D. See Miller, Roscoe E.
Rosenbaum, A. E.
—; Drayer, B. P.; Dubois, P. J.; Black, F. O.: visualization of small extracanalicular neurolemomas by metrizamide cisternographic enhancement (ab), **129:** 851, 1978
Rosenbaum, Arthur E. See Bank, William O.; Drayer, Burton P.; Dubois, Philip J.; Haughton, Victor M.; Maroon, Joseph C.
—; Arnold, Ben A.: postero-anterior radiography: method for reduction of eye dose, **129:** 812, 1978
Rosenbaum, Thomas J.
—; Houser, O. Wayne; Laws, Edward R.: pituitary apoplexy producing internal carotid artery occlusion: case report (ab), **128:** 270, 1978
Rosenberg, Harvey S. See Richardson, Miriam M.
Rosenberg, Henrietta K. See Mandell, Gerald A.
—; Spackman, Thomas J.; Chait, Arnold: Dominican Republic conjoined twins: ischiopagus, tetrapus, omphalopagus, (AJR), **130:** 921, 1978
Rosenberg, Michael. See Mintzer, Richard A.
—; Mintzer, Richard; Aaronson, Donald W.; Patterson, Roy: allergic bronchopulmonary aspergillosis in three patients with normal chest x-ray films (ab), **127:** 277, 1978
Rosenberg, Steven A. See Au, Francis C.; Schaner, Everett G.
Rosenberger, A. See Adler, O.
Rosenberger, Alexander
—; Adler, Olga: fine needle aspiration biopsy in the diagnosis of mediastinal lesions, (AJR), **131:** 239, 1978
Rosenblum, Lawrence J.
—; Mauceri, Richard A.; Wellenstein, David E.; Bassano, Daniel A.; Cohen, William N.; Heitzman, E. Robert: computed tomography of the lung, **129:** 521, 1978
Rosenbusch, G.
—; v.'t Laar, A.; Lubbers, E. J. C.: pheochromocytoma associated with neurofibromatosis (ab), **128:** 858, 1978
Rosencrantz, M. See Bartholdson, L.; Frisen, L.
Rosendorf, Leonard. See Schoenbaum, Stephen
Rosenfield, A. T. See Walsh, J.
Rosenfield, Arthur J. See de Graaff, Casper S.
Rosenfield, Arthur T. See Cook, III, John H.; Crade, Michael; Gold, Jerome; Taylor, Kenneth J. W.
—; Taylor, Kenneth J. W.; Crade, Michael; DeGraaf, Casper S.: anatomy and pathology of the kidney by gray scale ultrasound, **128:** 737, 1978
Rosenfield, Nancy. See McIntosh, Sue
Rosengren, B.
—; Tengroth, B.: retinoblastoma treated with a ^{60}Co applicator (ab), **127:** 861, 1978
Rosengren, Jan-Erik. See deSantos, Luis Alonso
Rosenow, III, Edward C. See Julsrud, Paul R.; Strimlan, C. Vaughn
drug-induced pulmonary disease (ab), **127:** 561, 1978
Rosenquist, C. John. See Stadalnik, Robert C.
Rosenstein, Marvin. See Boice, Jr., John D.
Rosenstock, Jeffrey. See Zimmerman, Robert A.
Rosental, J. J. See O'Reilly, R. J.
Rosenthal, Daniel I.
—; Chandler, Harold L.; Azizi, Fereidoun; Schneider, Peter B.: uptake of bone imaging agents by diffuse pulmonary metastatic calcification, (AJR), **129:** 871, 1977
Rosenthal, David. See Goodman, Robert
Rosenthal, Ira M. See Aschinberg, Lorenzo C.
Rosenthal, Robert K.
—; Levine, David B.: fragmentation of the distal pole of the patella in spastic cerebral palsy (ab), **127:** 853, 1978
Rosenthall, L. See Pare, P.; Wiegmann, T.
—; Shaffer, E. A.; Lisbona, R.; Pare, P.: diagnosis of hepatobiliary disease by ^{99m}Tc-HIDA cholescintigraphy, **126:** 467, 1978
Rosenthall, Leonard. See Lisbona, Robert
Rosman, N. Paul. See Phillips, Harold E.
Rosner, Samuel. See Nathan, Hilel
Rosoff, Jr., Leonard. See Freeny, Patrick C.
Rosomoff, Hubert L. See Post, M. Judith Donovan
Ross, Allan M.
—; Pisarczyk, Michael J.; Calabresi, Massimo: echocardiographic and clinical correlations in systemic hypertension (ab), **129:** 573, 1978
Ross, F. G. M. See Watt, I.
Ross, Jr., John. See Righetti, Alberto
Ross, Ronald J.
computed tomography in a private practice office, **127:** 693, 1978
Rossello, Pedro. See Fischer, Keith C.
Rossi, G. See Zanetti, E.
Rossi, Nicholas P. See Shevland, John E.; Verani, Mario S.
Rossi, Plinio
—; Passariello, Roberto; Simonetti, Giovanni: control of a traumatic vertebral arteriovenous fistula by a modified Gianturco coil embolus system, (AJR), **131:** 331, 1978
Rossi, Raymond P.
—; Wesenberg, Richard L.; Hendee, William R.: variable aperture fluoroscopic unit for reduced patient exposure, **129:** 799, 1978
Rossier, A. See Denavit, M.-F.
Rost, A.
—; Fiedler, U.; Marshall, F.; Koppenhagen, K.: value of roentgenologic, scintigraphic, and biochemical methods in evaluating metastatic spread in prostatic carcinoma (ab), **126:** 839, 1978
Roswit, Bernard. See Lehrer, Steven
Roth, Robert E. See Kim, Robert Y.
Rothberg, Murray. See Lefleur, Richard S.
—; Bastidas, Jefferson; Mattey, William E.; Bernas, Elviro: adrenal hemangiomas: angiographic appearance of a rare tumor, **126:** 341, 1978
Rothe, Rainer. See Scherer, Ulla
Rothman, Stephen G. See McIntosh, Sue
Rothman, Stephen L. G. See Geehr, Robert B.
Rothner, A. David. See Weinstein, Meredith A.
Rottenberg, D. A. See Pulsinelli, W. A.
Rottenberg, Robert W. See Walter, Joseph F.
Rouanet, J. P. See Nouel, O.
Roub, Leslie W. See Dubois, Philip J.
Rouleau, Jacques R. See Buckley, Bernardine H.
Rous, Stephen N. See Haddy, Theresa B.; Kinder, Philip W.
Rowan, Timothy. See Schoenbaum, Stephen
Rowe, Richard D. See Bini, Roberta M.; Freedom, Robert M.
Rowen, Marshall
—; Thompson, James R.; Williamson, Robin A.; Wood, Betty J.: diffuse pulmonary hemangiomatosis, **127:** 445, 1978
Roy, C. C. See Braun, P.
Royal, Henry D.
—; Brown, Paul H.; Claunch, Ben C.: mobile gamma cameras: comparative evaluation, **128:** 229, 1978
Royce, Robert K. See Perez, Carlos A.
Roysmith, J. See Fairley, K. F.
Rubenstein, Joel
—; Weisbrod, Gordon; Steinhardt, Marvin I.: atypical appearances of "saber-sheath" trachea, **127:** 41, 1978
Rubenstein, Simeon A. See Ward, Jonathan M.
Rubin, Bruce E.
extravasation of Ethiodol into deep tissues of the foot: complication of lymphangiography, (AJR), **131:** 342, 1978
Rubin, Carl
—; Kurtz, Alfred B.; Goldberg, Barry B.: water enema: new ultrasound technique in defining pelvic anatomy (ab), **129:** 861, 1978
Rubin, E. See Ho, C. S.
Rubin, Eva. See Ho, Chia-Sing
benign lipoblastoma, (SR), **13:** 5, 1978
Rubin, James E. See Swartz, Richard D.
Rubin, Paul D. See Turner, David A.
Rubin, Sanford A.
radiographic spectrum of pleuropulmonary tularemia, (AJR), **131:** 277, 1978
Rubler, Shirley
—; Damani, Prabodhkumar M.; Pinto, Edward R.: cardiac size and performance during pregnancy estimated with echocardiography (ab), **126:** 843, 1978
Rucknagel, Donald L. See Thrall, James H.
Rudd, Thomas G. See Daly, Michael J.
Rudders, Richard A.
—; McCaffrey, Joyce A.; Kahn, Paul C.: relative roles of gallium-67-citrate scanning and lymphangiography in the current management of malignant lymphoma (ab), **127:** 287, 1978
Rude, III, Joe C. See Goldman, Martin L.; Sones, Jr., Peter J.
Rudick, Marilyn Goske. See Westcott, Jack L.
Rudikoff, Jeffrey C. See Rumack, Carol M.
Rudwan, M. A.
pituitary abscess (ab), **126:** 272, 1978
Ruegesegger, P.
—; Hangartner, Th.; Keller, H. U.; Hinderling, Th.: standardization of computed tomography images by means of a material-selective beam hardening correction (ab), **129:** 282, 1978
Ruetz, Philip P. See Yeh, En-Lin
Rumack, Carol M. See Wesenberg, Richard L.
—; McDonald, Marilyn M.; O'Meara, Owen P.; Sanders, Bob B.; Rudikoff, Jeffrey C.: CT detection and course of intracranial hemorrhage in premature infants, (AJR), **131:** 493, 1978
Rumbaugh, Calvin L. See Kido, Daniel K.
Russell, Edward. See Nunez, Jr., Diego
—; Nunez, Jr., Diego; Yrizarry, Jose: 23-gauge sheathed needle: alternative in transhepatic cholangiography, **128:** 822, 1978
—; Koolpe, Harvey A.: modified T-tube for use after nonoperative biliary stone removal, **129:** 237, 1978
—; Hamm, Robert; LePage, James R.; Schoenbaum, Stephen W.; Satin, Richard: some normal variations of knee arthrograms and their anatomical significance (ab), **128:** 856, 1978
Russell, J. A. See Shaw, M. D. M.
—; Shaw, M. D. M.: chronic abscess of the brain stem (ab), **127:** 845, 1978
Russell, R. W. Ross. See Wilson, L. A.
Russell, Jr., Richard O. See Dye, Larry E.
Russell, Walter J. See Numaguchi, Yuji
Ruttenberg, Herbert D. See Bender, Robert L.; Orsmond, Garth S.
Ruutu, M. See Sherwood, T.
Ruwitch, Joseph F.
—; Weiss, Alan N.; Fleg, Jerome L.; McKnight, Robert C.; Ludbrook, Philip A.: insensitivity of echocardiography in detecting mitral valve prolapse in older patients with chest pain (ab), **127:** 285, 1978
Ruzicka, Jr., Francis F.
efficiency and limits of radiologic examination of the pancreas (bk rev), **128:** 44, 1978
Ryan, Daniel H. See Wood, Beverly P.
Ryan, Robert M. See Wendth, Arthur J.
Ryan, Rodney B. See Clouse, Melvin E.
Ryerson, Thomas W.
—; Spies, Stewart M.; Singh, N. Bhurji; Zeman, Robert K.: quantitative clinical comparison of three ^{99m}technetium labeled brain imaging radiopharmaceuticals, **127:** 429, 1978
Ryo, U. Yun
—; Johnston, A. Sidney; Kim, Ilsup; Pinsky, Steven M.: adrenal scanning and uptake with ^{131}I-6β-iodomethyl-nor-cholesterol, **128:** 157, 1978
Rysavy, J. A. See Castaneda-Zuniga, Wilfrido R.
Rysavy, Joseph. See Castaneda-Zuniga, Wilfrido R.
Rysavy, Joseph A. See Gomes, Antoinette S.; Probst, Peter

S

Sabatier, J. C.
—; Bruneton, J. N.; Drouillard, J.; Tavernier, J.; Ducos, M.; Fleury, B.; Latapie, J. L.: spermatic venography: technique and indications: 37 cases (ab), **127:** 282, 1978
Sachatello, Charles R. See Bivins, Brack A.; Chuang, Vincent P.
Sachs, Sidney H. See Wiener, Stephen N.
Sackett, David L. See Hull, Russell
Sacks, Barry
—; Joffe, Norman; Harris, Nancy: isolated mesenteric desmoids (mesenteric fibromatosis) (ab), **129:** 572, 1978
Sacks, Joel G.
basilar artery ectasia demonstrated by computed tomography (L), **126:** 530, 1978
Sadhu, Vijay. See Curtis, John A.
Saebo, Arve
pneumoperitoneum associated with perforated appendicitis (ab), **129:** 857, 1978

Saegesser, F. See Roenspies, U.
Saeki, Naokatsu
—; Rhoton, Jr., Albert L.: microsurgical anatomy of the upper basilar artery and the posterior circle of Willis (ab), **126:** 832, 1978
Saenger, Eugene L. See Fox, Stanley H.; Maxon, Harry R.; Thomas, Stephen R.
Safrany, L.
—; Van Husen, N.; Kautz, G.; Wittrin, G.; Clemens, M.; Weitemeyer, R.: endoscopic retrograde cholangiography (ECR) in surgical emergencies (ab), **128:** 275, 1978
Sagel, Stuart S. See Biello, Daniel R.; Jost, R. Gilbert; Karstaedt, Nolan; Lee, Joseph K. T.; Levitt, Robert G.; Stanley, Robert J.
Sagerman, Robert H. See Chung, Chung T.; Colton, Raymond H.
Sagiv, M. See Chemke, J.
Sagui, G. See Belloni, G.
Sahebjami, Hamid
—; Loudon, Robert G.: pleural effusion: pathophysiology and clinical features, (SR), **12:** 269, 1977
Sahel, J. See Corbeau, A.
Sahlstedt, Bo. See Hjelmstedt, Ake
Sahn, David J. See Allen, Hugh D.; Hirschklau, Michael J.; Wing, Jennifer P.
—; Allen, Hugh D.; Anderson, Robert; Goldberg, Stanley J.: echocardiographic diagnosis of atrial septal aneurysm in an infant with hypoplastic right heart syndrome (ab), **128:** 282, 1978
—; Allen, Hugh D.; McDonald, Gail; Goldberg, Stanley J.: real-time cross-sectional echocardiographic diagnosis of coarctation of the aorta: prospective study of echocardiographic-angiographic correlations (ab), **127:** 285, 1978
—; Allen, Hugh D.; George, Wendy; Mason, Maris; Goldberg, Stanley J.: utility of contrast echocardiographic techniques in the case of critically ill infants with cardiac and pulmonary disease (ab), **127:** 571, 1978
Saibil, Eric A. See Myers, Martin G.; Prato, Frank S.
St. John Sutton, Martin G.
—; Tajik, Abdul J.; Gibson, Derek G.; Brown, David J.; Seward, James B.; Giuliani, Emilio R.: echocardiographic assessment of left ventricular filling and septal and posterior wall dynamics in idiopathic hypertrophic subaortic stenosis (ab), **128:** 282, 1978
Saito, Akira. See Kitabatake, Takashi
Saitoh, Masahito. See Harada, Kuzuya
Sakai, Kunio. See Kitabatake, Takashi
Salam, Atef. See Goldman, Martin L.
Salamon, G.
—; Lecaque, G.: choice of the plane of incidence of computed tomography of the cerebral cortex (ab), **128:** 269, 1978
Salamon, Georges
—; Lecaque, G. L.; Strother, Charles M.: angiographic study of the temporal horn, **128:** 387, 1978
Salar, G.
—; Carteri, A.; Zampieri, P.: diagnosis of CSF fistulas with rhinorrhea by isotope cisternography (ab), **129:** 861, 1978
Salassa, Robert M. See Wahner, Heinz W.
Salerni, Rosemarie
—; Reddy, P. Sudhakar; Sherman, M. Eugene; O'Toole, James D.; Leon, Donald F.; Shaver, James A.: pressure and sound correlates of the mitral valve echocardiogram in mitral stenosis (ab), **129:** 858, 1978
Salerno, Nicholas
—; Grey, Neil: myxedema pseudoobstruction, (AJR), **130:** 175, 1978
Salmen, Brian J. See Laing, Faye C.
Salmon, Sydney E. See Hammond, Neel
Salo, Bruce C. See Berkow, Andrew E.
Salter, R. H.
—; Girdwood, T. G.; Scott-Harden, W. G.; Cole, T. P.: endoscopic and radiological assessment of recurrent ulceration after peptic ulcer surgery (ab), **129:** 278, 1978
Salvati, Eduardo. See Goldman, Amy Beth
Salvatierra, Jr., Oscar. See Webb, W. Richard
Salvolini, U. See Cabanis, E. A.
—; Cabanis, E. A.; Rodallec, A.; Menichelli, F.; Pasquini, U.; Iba-Zizen, M. T.: computed tomography of the optic nerve: part I. normal results (ab), **129:** 272, 1978
Salzman, Ferdinand A.
Erskine memorial lecture, 1977: in memory of Arthur W. Erskine, M.D. Introduction of orator, Gilbert H. Fletcher, M.D. **127:** 1, 1978
Sambhi, Rajinder P. See Carter, Robert
Samols, Ellis
—; Barrows, George H.: automated data processing and radioassays, (SNM), **8:** 163, 1978
Sample, Karen. See Henderson, Robert D.
Sample, W. Frederick. See Carroll, Barbara; Hansen, Gail C.; Lippe, Barbara M.; Mink, Jerrold H.
—; Sarti, D. A.; Goldstein, L. I.; Weiner, M.; Kadell, B. M.: gray-scale ultrasonography of the jaundiced patient, **128:** 719, 1978
—; Gottesman, J. E.; Skinner, D. G.; Ehrlich, R. M.: gray scale ultrasound of the scrotum, **127:** 225, 1978
unsoftened portion of the uterus: pitfall in gray-scale ultrasound studies during mid-trimester pregnancy, **126:** 227, 1978
Sample, William F. See Goldstein, Leonard I.
adrenal ultrasonography, **127:** 461, 1978
—; Sarti, Dennis A.: computed tomography and gray scale ultrasonography of the adrenal gland: comparative study, **128:** 377, 1978
—; Mitchell, Steven Pearce; Bledsoe, Raleigh Cornelius: parathyroid ultrasonography, **127:** 485, 1978
Sanchez, Ramon. See Castaneda-Zuniga, Wilfrido R.
Sand, Theodore T. See Clement, Jacob J.
Sanders, Bob B. See Rumack, Carol M.
Sanders, Marjorie B. See Murtagh, F. Reed
Sanders, Roger C. See Goldman, Stanford M.; Kappelman, Neil B.
percutaneous punctures: new radiological skill (opin), **127:** 833, 1978
—; Duffy, Thomas; McLoughlin, Martin G.; Walsh, Patrick C.: sonography in the diagnosis of retroperitoneal fibrosis (ab), **127:** 285, 1978
—; Conrad, Melvyn R.: ultrasonic characteristics of the renal pelvicalyceal echo complex (ab), **128:** 283, 1978
Sanders, William F. See Lee, Kyo Rak
Sanderson, J. E.
—; Brown, D. J.; Rivellese, A.; Kohner, E.: diabetic cardiomyopathy: echocardiographic study of young diabetics (ab), **128:** 282, 1978
Sandler, Michael A.
—; Karo, James J.: spectrum of ultrasonic findings in endometriosis, **127:** 229, 1978
—; Ratanaprakarn, Sirimana; Madrazo, Beatrice L.: ultrasonic findings in intramural exogastric lesions, **128:** 189, 1978
Sangalang, Virgilio E. See Smith, Eldon R.
Sankaran, Suryanarayanan. See Sugawa, Choichi
San Pedro, S. B. See Chandraratna, P. A. N.
Santana, P. See Ramos, L.
Sargent, E. Nicholas
—; Gordonson, Jay; Jacobson, George; Birnbaum, William; Shaub, Michael: bilateral pleural thickening: manifestation of asbestos dust exposure, (AJR), **131:** 579, 1978
—; Boswell, William; Hubsher, Jerome: cholecystokinetic cholecystography: efficacy and tolerance studies of ceruletide, (AJR), **130:** 1051, 1978
—; Jacobson, George; Gordonson, Jay S.: pleural plaques: signpost of asbestos dust inhalation, (SR), **12:** 287, 1977
Sari, S. See Yigitbasi, O.
Sarosi, George A. See Laskey, Warren
Sarti, D. A. See Sample, W. Frederick
Sarti, Dennis A. See Sample, William F.
—; Lazere, Andrew: reexamination of the deleterious effects of gastrointestinal contrast material on abdominal echography, **126:** 231, 1978
Sartor, K.
angiography for intracranial aneurysms of the vertebro-basilar system (ab), **127:** 843, 1978
Sarwar, Mohammad. See Swischuk, Leonard E.
—; Swischuk, Leonard E.: bilateral internal auditory canal enlargement due to dural ectasia in neurofibromatosis, (AJR), **129:** 935, 1977
—; McCormick, William F.: decrease in ventricular and sulcal size after death, **127:** 409, 1978
—; McCormick, William F.: intracerebral venous angioma: case report and review (ab), **128:** 560, 1978
Sarwar, Mohammad. See Handel, Stanley
Sasse, Lewis
—; Froelich, Carla R.: echocardiographic tricuspic prolapse and nonejection systolic click (ab), **129:** 284, 1978
Satin, Richard. See Russell, Edward
Satoyoshi, Eljiro
syndrome of progressive muscle spasm, alopecia, and diarrhea (ab), **129:** 571, 1978
Sattinger, E. See Pfeiffer, R. A.
Satzman, Joel. See Gilbert, Harvey A.
Sauerbrunn, Bertram J. L.
—; Andrews, Gould A.; Hubner, Karl F.: Ga-67 citrate imaging in tumors of the genito-urinary tract: report of cooperative study (ab), **129:** 285, 1978
Sauser, Donald D.
—; Goldman, Amy Beth; Kaye, Jeremy J.: discogenic vertebral sclerosis (ab), **129:** 568, 1978
Sauvegrain, Jacques. See Chassevent, Jacques
Savage, Daniel D. See Maron, Barry J.
Savage, J. P. See Morris, L. L.
Savary, M. See Crausaz, P. H.
Savine, Peter J.
—; Schatz, Mark J.; Orr, Linda S.; Corbett, James J.: optic tract syndrome: review of 21 cases (ab), **129:** 847, 1978
Sayers, Martin P. See Hanson, James W.
Sayler, Clinton
—; Egan, James F.; Raines, J. Richard; Goodman, Morton J.: mammographic screening: value in diagnosis of early breast cancer (ab), **127:** 560, 1978
Sbarbaro, James A. See Sheppard, J. M.
Scallion, Ralph. See Lieppe, William
Scanlon, Gerald T.
shortness of breath in emergency room patients, (RCNA), **16:** 113, 1978
Schaaf, John T. See Carrington, Charles B.
Schabel, Stephen I. See Rittenberg, Gerald M.
—; Rogers, Charles I.; Rittenberg, Gerald M.; Bubanj, Radovan: extramedullary plasmacytoma, **128:** 625, 1978
—; Rogers, Charles I.: opaque artifacts in a health food faddist simulating ovarian neoplasm, (AJR), **130:** 789, 1978
—; Foote, George A.; McKee, Kelly A.: posterior lymphadenopathy in sarcoidosis, **129:** 591, 1978
Schacht, Richard A. See Goldstein, David H.
Schaeffer, Phillip. See Conrad, III, William C.
Schaffer, Derace L. See Kirkpatrick, Robert H.; Wittenberg, Jack
Schaffer, Richard M. See Amorosa, Judith Korek
Schajowicz, F.
—; Aiello, C.; Francone, M.; Giannini, R.: cystic angiomatosis (ab), **128:** 857, 1978
Schaner, Everett G.
—; Dunnick, N. Reed; Doppman, John L.; Strott, Charles A.; Gill, Jr., John R.; Javadpour, Nasser: adrenal cortical tumors with low attenuation coefficients: pitfall in computed tomography diagnosis (ab), **127:** 856, 1978
—; Chang, Alfred E.; Doppman, John L.; Conkle, David M.; Flye, M. Wayne; Rosenberg, Steven A.: comparison of computed and conventional whole lung tomography in detecting pulmonary nodules: prospective radiologic-pathologic study, (AJR), **131:** 51, 1978
Schapiro, Robert H. See Baum, Stanley
Schapiro, Rolf L. See Shevland, John E.
Schatz, Mark J. See Savine, Peter J.
Schatz, Sanford L.
—; Kopits, Steven E.: proximal femoral focal deficiency, (AJR), **131:** 289, 1978
Schatzki, Stefan. See Corlette, Jr., Marvin B.
Schechter, Eliot. See Chandraratna, Premindra A. N.
Schechter, Lawrence S. See Balthazar, E. J.
Scheffel, Ursula. See Tsan, Min-Fu; Yang, Shirley S. L.
Scheffer, E. See Thesingh, C. W.
Scheible, F. William. See Ellenbogen, Paul H.
Scheible, William
—; Gosink, Barbara B.; Leopold, George R.: gray scale echographic patterns of hepatic metastatic disease, (AJR), **129:** 983, 1977
—; Ellenbogen, Paul H.; Leopold, George R.; Siao, Newton T.: lipomatous tumors of the kidney and adrenal: apparent echographic specificity, **129:** 153, 1978
Schelbert, Heinz. See Kling, Lawrence E.; Lew, Wilbur
Schellhas, Helmut F. See Duncan, Ralph E.
Schellinger, Dieter. See Raptopoulos, Vassillios
Scher, A. T.
angiography in the diagnosis of renal allograft dysfunction (ab), **128:** 857, 1978
plea for routine radiographic examination of the cervical spine after head injury (ab), **126:** 280, 1978
Scherer, James. See Thomas, John L.
Scherer, K. See Vogel, H.
Scherer, Ulla
—; Rothe, Rainer; Eisenburg, Josef; Schildberg, Friedrich-Wilhelm; Meister, Peter; Lissner, Josef: diagnostic accuracy of CT in circumscript liver disease, (AJR), **130:** 711, 1978
Scherrer, A.
—; Nahum, P.; Nahum, H.: is air in the small intestine abnormal? (ab), **126:** 551, 1978
Scheu, John D. See Conrad, III, William C.; Tetalman, Marc R.

Schierholt, K. D.
concerning the calcium-milk bile (ab), **126:** 553, 1978
Schieve, Jane B. See Sostre, Samuel
Schildberg, Friedrich-Wilhelm. See Scherer, Ulla
Schiller, Nelson B. See Massie, Barry M.; Ports, Thomas A.; Sharpe, D. Norman; Silverman, Norman H.
—; Botvinick, Elias H.: right ventricular compression as a sign of cardiac tamponade: analysis of echocardiographic ventricular dimensions and their clinical implications (ab), **127:** 285, 1978
Schindera, F.
—; Pringsheim, W.: post-renal failure in an infant due to bilateral ureter obstruction secondary to *Candida* pyelonephritis (ab), **127:** 856, 1978
Schindledecker, Gregory R. See Alderson, Philip O.
Schindler, E. See Steinhoff, H.
Schlaak, M. See Lehmann, H.
Schlant, Robert C. See Felner, Joel M.; Gilbert, Charles A.; Story, William E.
Schlueter, Donald P. See Cohen, Steven H.
Schmidt, James. See Foley, W. Dennis
Schmidt, M.
—; Thiel, H. J.; Spitz, J.: fibrous cortical defect (ab), **129:** 567, 1978
Schmitz, Alfred L. See Arndt, Rolf D.
Schnaufer, Louise. See Mandell, Gerald A.
Schneeweiss, Adam. See Blieden, Leonard C.
Schneider, Arthur B.
—; Favus, Murray J.; Stachura, Max E.; Arnold, Margaret J.; Frohman, Lawrence A.: salivary gland neoplasms as a late consequence of head and neck irradiation (ab), **127:** 288, 1978
Schneider, E. See Lutolf, U. M.
Schneider, Morton. See Haller, Jack O.
Schneider, Peter B. See Rosenthal, Daniel I.
Schneider, Robert. See Goldman, Amy Beth
—; Goldman, Amy Beth; Bohne, Walter H. O.: neuropathic injuries to the lower extremities in children, **128:** 713, 1978
Schnur, James. See Kido, Daniel K.
Schnyder, Pierre. See Hessler, Christian
Schoenbaum, Stephen
—; Rosendorf, Leonard; Kappelman, Neil; Rowan, Timothy: gray-scale ultrasound in tubal pregnancy, **127:** 757, 1978
Schoenbaum, Stephen W. See Russell, Edward
Schoene, William. See Kido, Daniel K.
Schoenrock, Gary. See Seidelmann, Frank E.
Schor, Robert. See Shimshak, Robert R.
Schor, Robert A.
—; Massie, Barry M.; Botvinick, Elias H.; Shames, David M.: gallium-67 uptake in silent myocardial infarction: case report, **129:** 117, 1978
—; Shames, David M.; Weber, Paul M.; Dos Remedios, L. V.: regional ventilation studies with Kr-81m and Xe-133: comparative analysis (ab), **128:** 861, 1978
Schottenfeld, David. See Fitzgerald, Patrick J.
Schramm, J. See Bradac, G. B.
Schreiber, Donald R. See Feinberg, Samuel B.
Schreyer, H. See Winter, H.
Schrock, Theodore R. See Montagne, Jean-Philippe
Schroeder, Franz Michael
—; Miller, Jr., Franklin J.; Nelson, James A.; Rankin, Ronald S.: gastrointestinal angiographic findings in systemic amyloidosis, (AJR), **131:** 143, 1978
Schrumpf, John D.
—; Sommer, Graham; Jacobs, Richard P.: bleeding simulated by the distal internal pudendal artery stain, (AJR), **131:** 657, 1978
Schumacher, H. Ralph. See Miller, Wallace T.
Schumacher, Timothy M.
—; Genant, Harry K.; Kellet, Michael J.; Mall, Jay C.; Fye, Kenneth H.: HLA-B27 associated arthropathies, **126:** 289, 1978
Schur, Peter H. See Weissman, Barbara N.
Schuster, Samuel R. See Wohl, Mary Ellen B.
Schwabe, Arthur D. See Lehman, Thomas J. A.
Schwartz, Alan M. See Darling, Donald B.; McCauley, Roy G. K.
Schwartz, David C. See Johnson, Gregory L.
Schwartz, Gordon F. See Feig, Stephen A.
Schwartz, James F.
—; Balentine, J. Douglas: recurrent meningitis due to an intracranial epidermoid (ab), **129:** 558, 1978
Schwartz, Jeffrey S. See D'Souza, Vincent J.
Schwartz, Marshall Z. See Griscom, N. Thorne
Schwartz, Morton K. See Fitzgerald, Patrick J.
Schwarz, Jan. See Kauffman, Carol A.
Scoggin, Charles H. See Petty, Thomas L.
Scott, Jr., Charles I. See Romeo, Giovanni
Scott, James. See Ascione, Antonio
Scott, John R.
—; Kramer, Sandra S.: pediatric tracheostomy. II. radiographic features of difficult decannulations, (AJR), **130:** 893, 1978
—; Kramer, Sandra S.: pediatric tracheostomy. I. radiographic features of normal healing, (AJR), **130:** 887, 1978
Scott, R. Michael. See Wolpert, Samuel M.
Scott, William R. See Enzmann, Dieter
Scott, Jr., William W.
—; Harrington, Donald P.; Siegelman, Stanley S.: functional abnormalities of mesenteric blood flow: guide to organic disease of the bowel (ab), **126:** 278, 1978
Scott-Harden, W. G. See Salter, R. H.
Scotti, Giuseppe. See Tchang, Stanley
—; Terbrugge, Karel; Melancon, Denis; Belanger, Gary: evaluation of the age of subdural hematomas by computerized tomography (ab), **128:** 271, 1978
Sears, David A.
morbidity of sickle cell trait: review of the literature (ab), **129:** 857, 1978
Seashore, J. H. See Helikson, M. A.
Seashore, John H. See Effmann, Eric L.
Seat, Stanley G. See McCormack, Lawrence R.
Sebes, Jeno I.
—; Nasrallah, Nabil S.; Rabinowitz, Jack G.; Masi, Alfonse T.: relationship between HLA-B27 positive peripheral arthritis and sacroiliitis, **126:** 299, 1978
Seelig, Richard F. See Kerr, John C.
Segal, Arthur J. See Barbaric, Zoran L.
—; Spataro, Robert F.; Linke, Charles A.; Frank, Irwin N.; Rabinowitz, Ronald: diagnosis of nonopaque calculi by computed tomography, **129:** 447, 1978
Segal, Bernard L. See Mintz, Gary S.
Segall, Hervey D. See Gates, Gary F.
Seidelmann, Frank E. See Haaga, John R.; Havrilla, Thomas R.
—; Cohen, William N.; Bryan, Patrick J.; Temes, Sanford P.; Kraus, Dennis; Schoenrock, Gary: accuracy of CT staging of bladder neoplasms using the gas-filled method: report of 21 patients with surgical confirmation, (AJR), **130:** 735, 1978
—; Cohen, William N.; Bryan, Patrick J.: computed tomographic staging of bladder neoplasms, (RCNA), **15:** 419, 1977
Seigel, Robert. See Kuhns, Lawrence R.
Seimon, Leonard P.
fracture of the odontoid process in young children (ab), **127:** 854, 1978
Sekiya, Tohru. See Tada, Shimpei
Seldman, Herbert. See Weiss, William
Selke, Jr., Albert C.
—; Cowley, Claire Ellen: calcified intraluminal meconium in a female infant with imperforate anus, (AJR), **130:** 786, 1978
Seltzer, Steven E. See Herman, Peter G.
—; Jones, Bronwyn: cecal perforation associated with Gastrografin enema, (AJR), **130:** 997, 1978
—; Balikian, Jirayr P.; Birnholz, Jason C.; Hargreaves, Hilary; Cartier, Pierre; Herman, Peter G.: giant hyperplastic parathyroid gland in the mediastinum—partially cystic and calcified, **127:** 43, 1978
Senac, J. P. See Lamarque, J. L.
Senning, A. See Roenspies, U.
Seppanen, Seppo
—; Lehtinen, Eero; Holli, Heimo: radiation dose in hysterosalpingography: modern 100mm fluorography *vs.* full-scale radiography, **127:** 377, 1978
Serjeant, Graham R. See McCall, Iain W.
Serur, Juan R. See Als, Ann V.
Servo, Antti
agenesis of the left internal carotid artery associated with an aneurysm on the right carotid syphon: case report (ab), **126:** 831, 1978
Seto, Dexter S. Y. See Whitington, Peter F.
Settle, Harold P.
—; Adolph, Robert J.; Fowler, Noble O.; Engel, Peter; Agruss, Neil S.; Levenson, Norman I.: echocardiographic study of cardiac tamponade (ab), **127:** 570, 1978
Seward, James B. See St. John Sutton, Martin G.; Sutton, Martin G. St. John
Sewchand, Wilfred. See Fullerton, Gary D.; Khan, Faiz M.
—; Jones, Jr., Thomas K.; Khan, Faiz M.; Levitt, Seymour H.: spinal cord protection during cross-fire irradiation of the intrathoracic esophagus: tube-tilt *vs.* shielding, **126:** 239, 1978
—; Khan, Faiz M.; Williamson, Jeffrey: variations in depth-dose data between open and wedge fields for 4-MV x-rays, **127:** 789, 1978
Sewell, David H. See Robbins, Alan H.
Seymour, E. Q.
aortoesophageal fistula as a complication of aortic prosthetic graft, (AJR), **131:** 160, 1978
—; Rittenburg, Gerald: non-visualization of renal calices during excretory urography as an indicator of renal transplant rejection (ab), **129:** 571, 1978
Shaber, Gary S. See Feig, Stephen A.
Shackelford, G. D. See McAlister, W. H.
Shackelford, Gary D. See Bell, Martin J.; Siegel, Marilyn J.
—; Siegel, Marilyn J.; McAlister, William H.: subglottic edema in acute epiglottitis in children, (AJR), **131:** 603, 1978
Shafer, R. B. See Henke, C. E.
—; Reinke, D. B.: contribution of the bone scan, serum acid and alkaline phosphatase, and the radiographic bone survey to the management of newly-diagnosed carcinoma of the prostate (ab), **127:** 575, 1978
Shaffer, Carolyn Wine. See Williams, Edward H.
Shaffer, E. A. See Pare, P.; Rosenthall, L.
Shaffer, Jr., Hubert A. See Lees, Richard F.
Shaffer, Katherine
—; Haughton, Victor; Farley, George; Friedman, Jerry: pitfalls in the radiographic diagnosis of angiofibroma, **127:** 425, 1978
Shafiepoor, Hamid. See Aliabadi, Piran
Shah, Abid A. See Sheppard, J. M.
Shah, Jatin P. See Cahan, William G.
Shames, David. See Goldberg, Ronald P.
Shames, David M. See Schor, Robert A.; Sharpe, D. Norman
Shandling, Barry. See Ein, Sigmund H.; Howman-Giles, Robert; Izukawa, Terro
Shanks, Ellen. See Ransom, J. Laurence
Shanks, Ellen C. See Pratt, Charles B.
Shannon, Ira L. See Wescott, William B.
Shannon, Kathleen. See Aziz, Kalim U.
Shannon, Michael B. See Butler, Alan R.
Shanser, J. D. See Goodman, L. R.
Shanser, Jon C. See Laing, Faye C.
Shanser, Jon D.
—; Korobkin, Melvyn; Goldberg, Henry I.; Rohlfing, Barbara M.: computed tomographic diagnosis of obstructive jaundice in the absence of intrahepatic ductal dilatation, (AJR), **131:** 389, 1978
Shansky, Ronald M. See Fitzpatrick, John J.
Shapira, Shlomo. See Hirsch, Menachem
Shapiro, D. L. See Helikson, M. A.
Shapiro, Robert
interesting normal variant of the temporal bone, **128:** 354, 1978
Sharma, G. V. R. K. See Kendrick, Marvin H.
Sharpe, D. Norman
—; Botvinick, Elias H.; Shames, David M.; Schiller, Nelson B.; Massie, Barry M.; Chatterjee, Kanu; Parmley, William W.: noninvasive diagnosis of right ventricular infarction (ab), **128:** 274, 1978
Shatz, Burton A. See Hammerman, Albert M.
Shaub, Michael. See Rogers, William F.; Sargent, E. Nicholas
Shaub, Michael S. See Wilson, Robert L.
Shaver, James A. See Salerni, Rosemarie
Shaw, Chung-I. See Liu, Chung-I
Shaw, David D. See Wolf, Gerald L.
Shaw, Helen A. See Poznanski, Andrew K.
Shaw, M. D. M. See Russell, J. A.
—; Russell, J. A.; Grossart, K. W.: changing pattern of spinal arachnoiditis (ab), **129:** 569, 1978
Shawker, Thomas H.
—; Steinfeld, Alan D.: ultrasonic evaluation of pulsatile abdominal masses (ab), **128:** 282, 1978
Sheagren, John N. See Murray, Henry W.
Sheedy, II, Patrick F. See Forbes, Glenn S.; Hattery, Robert R.; McLeod, Richard A.; Stephens, David H.; Williamson, Jr., Byrn
—; Stephens, David H.; Hattery, Robert R.; MacCarty, Robert L.; Williamson, Jr., Byrn: computed tomography of the pancreas, (RCNA), **15:** 349, 1977
Sheehan, Barbara. See Athanasoulis, Christos A.
Sheehy, James L.
—; Brackmann, Derald E.; Graham, Malcolm D.: cholesteatoma surgery: residual and recurrent disease (ab), **127:** 847, 1978
Sheer, III, G. W. See DiGiacomo, Jr., P. J.
Sheikh, Mazhar U. See Andy, Joseph J.
Sheldon, Gary. See Morgan, Carlisle L.
Sheldon, P. W. E. See Phelps, P. D.
Sheline, Glenn E. See Wara, William M.
Shenoy, Sadashiv S.
—; Culver, Gordon J.; Ali, Mir Vilayat: intraluminal duodenal diverticulum: diagnosis during endoscopic pancreatography, (AJR), **129:** 929, 1977

Sheppard, J. M.
—; Shah, Abid A.; Sbarbaro, James A.; Brooks, Harold L.: distinctive echocardiographic pattern of posterior wall endocardial motion in aortic stenosis (ab), **129:** 859, 1978
Sheptak, P. E. See Kerber, C. W.
Sher, Phyllis K. See MacDonald, John T.
Sherber, Harvey S. See Gottdiener, John S.
Sheridan, Lenore A. See Walter, Joseph F.
Sheriff, Richard A. See Tetalman, Marc R.
Sheriffdeen, Abdula H. See Wickremasinghe, Himansu R.
Sherlock, Paul. See Fitzgerald, Patrick J.
Sherlock, Sheila. See Ascione, Antonio
Sherman, M. Eugene. See Salerni, Rosemarie
Shermeta, Dennis W. See Whitington, Peter F.
Sherrard, III, Thomas J. See James, Jr., A. Everette
Sherwin, A. L. See Leppik, I. E.
Sherwood, T.
—; Ruutu, M.; Chisholm, G. D.: renal angiography problems in live kidney donors (ab), **129:** 282, 1978
Shesol, Barry F. See Alavi, Abass
Shevland, John E.
—; Chiu, Lee C.; Schapiro, Rolf L.; Young, John A.; Rossi, Nicholas P.: role of conventional tomography and computed tomography in assessing the resectability of primary lung cancer: preliminary report (ab), **128:** 852, 1978
Shibuya, Minoru. See Atsuchi, Yoshihiko
Shidnia, Homayoon. See Cakmak, Ahmet
Shields, Edward D. See Melnick, Michael
Shikes, Robert H. See Wesenberg, Richard L.
Shimshak, Robert. See Goldberg, Ronald P.
Shimshak, Robert R. See Korobkin, Melvyn
—; Korobkin, Melvyn; Hoffer, Paul B.; Schor, Robert; Hill, Thomas C.; Kressell, Herbert Y.: complementary role of gallium citrate imaging and computed tomography in the evaluation of suspected abdominal infection (ab), **128:** 575, 1978
Shin, Hyunchul. See Hay, Michael R.
Shin, Myung Soo. See Dye, Larry E.; McReynolds, Richard A.
Shingleton, William. See Hainline, Sarah
Shinn, Kyung Sub. See Bahk, Yong Whee
Shintani, Yoichiro. See Tada, Shimpei
Shiozawa, Zenji
—; Ohya, Masaki; Tanaka, Yoshiaki; Maekoshi, Hisashi: direct serial magnification angiography applied to cerebral aneurysms, **126:** 263, 1978
—; Tanaka, Yoshiaki; Makino, Nobuichi; Sugita, Ken-ichiro: spinal cord angiography using 4X magnification, **127:** 181, 1978
Shirakabe, Hikoo. See Ariyama, Joe
Shirley, D. V. See Jones, B. J.
Shoji, Ryo. See Tada, Shimpei
Shore, Roy E.
—; Hempelmann, Louis H.; Kowaluk, Eugene; Mansur, Paula S.; Pasternack, Bernard S.; Albert, Roy E.; Haughie, Glenn E.: breast neoplasms in women treated with x-rays for acute postpartum mastitis (ab), **126:** 287, 1978
Shortsleeve, Michael. See Weber, A. L.
Shubrooks, Jr., Samuel J. See Weinrauch, Larry A.
Shulkin, Peter. See Hill, Thomas C.
Shulman, Harry S. See Myers, Martin G.
Shuping, Ralph E. See Fewell, Thomas R.
Siao, Newton T. See Scheible, William
Sibala, Justo L. See Chang, C. H. Joseph
Sidh, Suresh M. See Goldman, Stanford M.
Sieber, Anne M. See Reichert, Timothy J.
Sieber, William K. See Reichert, Timothy J.
Siegel, Barry A. See Biello, Daniel R.; Fleg, Jerome L.; Miller, Tom R.; Whyte, Michael P.
Siegel, Marilyn J. See Shackelford, Gary D.
—; McAlister, William H.; Shackelford, Gary D.: radiographic findings in ovarian teratomas in children, (AJR), **131:** 613, 1978
Siegel, Robert. See Venkataraman, Kalyanasundaram
Siegelman, Stanley S. See Khouri, Nagi F.; Scott, Jr., William W.
Siemsen, Jan K. See Waxman, Alan D.
—; Grebe, Siegfried F.; Waxman, Alan D.: use of gallium-67 in pulmonary disorders, (SNM), **8:** 235, 1978
Siffert, Robert S.
effect of trauma to the epiphysis and growth plate (ab), **126:** 836, 1978
Sigstedt, B.
—; Lunderquist, A.: complications of angiographic examinations, (AJR), **130:** 455, 1978
Silva, Patricio. See Swartz, Richard D.
Silver, Terry M. See Magilavy, Daniel B.; Wicks, Jeffrey D.
—; Washburn, Ronald L.; Stanley, James C.; Gross, William S.: gray scale ultrasound evaluation of popliteal artery aneurysms, (AJR), **129:** 1003, 1977
Silverman, Frederic N.
fairbank's atlas of general affections of the skeleton, 2nd ed. (bk rev), **126:** 66, 1978
problems in pediatric fractures, (SR), **13:** 167, 1978
Silverman, Norman H. See Roge, Claude L. L.
—; Schiller, Nelson B.: apex echocardiography: two-dimensional technique for evaluating congenital heart disease (ab), **128:** 282, 1978
—; Payot, Maurice; Stanger, Paul: simulated tricuspid valve echoes in tricuspid atresia (ab), **129:** 859, 1978
Silverstein, Fred E. See Rohrmann, Jr., Charles A.
Silvis, S. E. See Lasser, R. B.
Silvis, Stephen E. See Rohrmann, Jr., Charles A.
Sim, Franklin H.
—; Dahlin, David C.; Ivins, John C.: extra-articular synovial chondromatosis (ab), **126:** 280, 1978
Simeone, Joseph F.
—; Putman, Charles E.; Greenspan, Richard H.: detection of metastatic malignant melanoma by chest roentgenography (ab), **126:** 276, 1978
Simko, Thomas G.
—; Griffin, Thomas W.; Gerdes, Arthur J.; Parker, Robert G.; Tesh, Donald W.; Taylor, Willis; Blasko, John C.: role of radiation therapy in the treatment of glomus jugulare tumors (ab), **129:** 575, 1978
Simmons, Julian Thayer. See Athanasoulis, Christos A.
Simmons, M.
—; Tucker, A. K.: radiology of bone changes in rhabdomyosarcoma (ab), **129:** 571, 1978
Simmons, Michael A. See Brooks, John G.
Simon, David B. See Rohatgi, Prashant K.
Simon, George. See Thurlbeck, William M.
Simon, Harold. See Carlson, David H.
Simon, R. S. See Bradac, G. B.
Simonds, Bruce D. See de Graaff, Casper S.
Simonetti, Giovanni. See Rossi, Plinio
Simons, F. Estelle R. See Gillies, John D.
Simpkins, Gary S.
—; Urie, Marcia; Kadish, Sidney P.: device for insuring the congruency of opposed irregularly blocked fields, **126:** 261, 1978
Simpson, James S. See Ein, Sigmund H.; Izukawa, Terro
Sims, Richard D. See McReynolds, Richard A.
Singer, Robert J. See Widrich, Warren C.
Singh, Amarjit
—; Doyle, Eugenie F.; Danilowicz, Delores A.; Finegold, Milton J.: familial nonobstructive cardiomyopathy with endocardial fibroelastosis beyond infancy (ab), **128:** 565, 1978
Singh, Bhurji N.
—; Spies, Stewart M.; Mehta, Sharad P.; Kesala, B. Adrian; Quinn, III, James L.: unusual bone scan presentation in osteomalacia: symmetrical uptake–a suggestive sign (ab), **129:** 862, 1978
Singh, Manbir. See Gustafson, David E.
Singh, N. Bhurji. See Ryerson, Thomas W.
Singleton, Edward B. See Costin, Barbara S.
Sinha, Purendra P.
—; Aziz, Hasan I.: juvenile nasopharyngeal angiofibroma: report of seven cases, **127:** 501, 1978
—; Ibn Aziz, Hasan: treatment of carcinoma of the middle ear, **126:** 485, 1978
Sinner, W. N.
—; Nasiell, M.; Tornvall, G.: primary roentgen-negative lung cancer with positive sputum cytology (ab), **128:** 272, 1978
Sippell, W. G.
—; Kalb, Ch.; Fendel, H.: lactobezoar in an infant: unusual cause of upper abdominal tumour persisting for several weeks (ab), **126:** 552, 1978
Sisson, James C. See Freitas, John E.
—; Bartold, Stephen P.; Bartold, Shelley L.: dilemma of the solitary thyroid nodule: resolution through decision analysis, (SNM), **8:** 59, 1978
Sivalingam, Selvadural
—; Dublin, Arthur B.; Youmans, Julian R.: computer assisted ventriculography (ab), **129:** 271, 1978
Skeggs, D. See Hadden, R. C. M.
Skerker, Leonard B. See Forrest, Maureen E.
Skinner, D. G. See Sample, W. F.
Skinner, Odis. See Moore, Terence N.
Sklar, Frederick H. See Maravilla, Kenneth R.
Sklower, Susan. See Brill, Charles B.
Skolnick, M. Leon
—; Matzuk, Terrance: new ultrasonic real-time scanner featuring a servo-controlled transducer displaying a sector image, **128:** 439, 1978
Slagsvold, Jon E.
—; Bergsholm, Per; Larsen, John L.: fibromuscular dysplasia of intracranial arteries in a patient with multiple enchondromas (Ollier disease) (ab), **129:** 273, 1978
Slater, Eve E.
cardiac tamponade and peripheral eosinophilia in a patient receiving cromolyn sodium (ab), **129:** 283, 1978
Slaymaker, Earlene E. See Bone, George E.
Slayton, Robert. See Bukovitz, Andrew G.
Slayton, Robert E. See Turner, David A.
Slettebo, M. See Amundsen, P.
Slivka, Jack. See Chafetz, Neil
Sloan, Oplis M. See Gerlock, Jr., A. James
Slovis, Thomas L. See Haller, Jack O.; Helfer, Ray E.
—; Cushing, Barbara; Reilly, Bernard J.; Farooki, Zia Q.; Philippart, Arvin I.; Berdon, Walter E.; Baker, David H.; Reed, Joseph O.: Wilms' tumor to the heart: clinical and radiographic evaluation, (AJR), **131:** 263, 1978
Smith, Andrew J. K. See Ashwal, Stephen
Smith, David W. See Friedman, J. M.; Hanson, James W.
Smith, E. See Baskin, B.
Smith, E. H. See Mascatello, V. J.
Smith, E. Ide. See Wilson, Don A.
Smith, E. Kaye. See Miller, Tom R.
Smith, Edward H. See Berger, Marc; Holm, Hans H.
Smith, Eldon R.
—; Sangalang, Virgilio E.; Heffernan, LeRoy P.; Welch, J. Philip; Flemington, C. Susan: hypertrophic cardiomyopathy: heart disease of Friedreich's ataxia (ab), **127:** 572, 1978
Smith, F. W.
—; Junor, B. J. R.: xeroradiography of the hand in patients with renal osteodystrophy (ab), **126:** 279, 1978
Smith, Gerald R.
—; van Belle, Gerald; Loop, John W.: pattern discrimination in matching chest radiographs: including a role for logistic distribution of observer responses, **127:** 595, 1978
Smith, Howard W. See Yanagisawa, Eiji
Smith, J.
aneurysmal bone cyst of clavicle (ab), **128:** 856, 1978
Smith, J. A. See Burney, B.; Franken, Jr., E. A.
Smith, James D. See Gallo, Jr., Anthony E.
Smith, James P. See Bredin, Charles P.
Smith, James W. See Kauffman, Carol A.
Smith, John A. See Franken, Jr., E. A.
Smith, John W. See Pratt, Charles B.
Smith, Julius. See Ahuja, Subash C.
Smith, Jr., Kenneth. See Archer, Carol R.
Smith, L. E. See Cochran, S. T.
Smith, M. See Remy, J.
Smith, M. J. V. See Crane, David B.
Smith, Michael T.
—; Huntington, Howard W.: inverse cerebellum and occipital encephalocele: dorsal fusion defect uniting the Arnold-Chiari and Dandy-Walker spectrum (ab), **126:** 272, 1978
Smith, Peter R. See Amorosa, Judith Korek; Cohen, Jeffrey R.
Smith, Philip D. See Marshall, II, Jay P.
Smith, Roberta M.
—; Brumley, George W.; Stannard, Michael W.: neonatal pneumonia associated with medium-chain triglyceride feeding supplement (ab), **129:** 852, 1978
Smith, Thomas H. See Leonidas, John C.; Robinow, Meinhard
Smith, W. L. See Burney, B.; Franken, Jr., E. A.
Smith, Wilbur L. See Barnes, John C.; Franken, Jr., E. A.
Smoak, Dahlmon L. See Underwood, Jr., Paul B.
Sniderman, A. See Patton, R.
Sniderman, Kenneth W. See Bredin, Charles P.
—; Sos, Thomas A.; Gay, Jr., William A.; Subramanian, V. A.: aortic dissection beginning in the abdomen, (AJR), **130:** 1115, 1978
—; Sos, Thomas A.: hepatic schistosomiasis: case with intrahepatic shunting and extrahepatic portal vein occlusion, (AJR), **130:** 565, 1978
—; Franklin, Jr., John; Sos, Thomas A.: successful transcatheter Gelfoam embolization of a bleeding cecal vascular ectasia, (AJR), **131:** 157, 1978
Snobl, O.
—; Svorc, J.: "crescent sign" in older children (ab), **127:** 856, 1978
Snow, Harold D. See Steckel, Richard J.
Snowdy, Harry A. See Prather, Jerry L.
Snyder, Bruce D. See Ramirez-Lassepas, Manuel

Snyder, Gary J. See Turner, David A.
Sobradillo, B. See Illig, R.
Sobue, Itsuro. See Murakami, Nobuyuki
Sodd, Vincent J. See Thomas, Stephen R.
Soder, Parry D. See Mabon, Robert F.
Sofferman, Robert A.
—; Fabian, Richard L.: traumatic carotid-cavernous sinus fistula (ab), **128:** 561, 1978
Soin, Jagmeet S.
—; Holmes, Richard A.: unusual cause of apparent regional hyperperfusion on radionuclide cerebral angiography study: case report (ab), **126:** 558, 1978
Sokjer, Hannibal. See Wortzman, George
Solangi, Karim. See Adler, Jonathan
Soler, Manuel. See de LaTorre, Francisco J.
Soler-Soler, J. See Candell-Riera, J.
Solinger, Robert E. See Rees, Allan H.
Solomon, Lawrence M. See Aschinberg, Lorenzo C.
Solomon, Nathan. See Avramides, Avraam
Solomon, Nathan A. See Tavormina, Anthony
Som, Peter M.
—; Khilnani, Mansho T.; Beranbaum, Samuel L.; Wolf, Bernard S.: Mondini defect: a variant, (AJR), **129:** 1120, 1977
Sommer, Graham. See Schrumpf, John D.
—; Filly, Roy A.: patient preparation to decrease bowel gas: evaluation by an ultrasonographic measurement (ab), **126:** 284, 1978
Sommers, Sheldon C.
ulcerative and granulomatous colitis: 1977 Walter B. Cannon lecture, (AJR), **130:** 817, 1978
Sones, Peter J. See Steele, J. Richard
Sones, Jr., Peter J.
—; Rude, III, Joe C.; Berg, David J.; Warren, W. Dean: evaluation of the left renal vein in candidates for splenorenal shunts, **127:** 357, 1978
Song, Chang W. See Clement, Jacob J.
Sonntag, Volker K. H.
—; Yuan, Robert H.; Stein, Bennett M.: giant intracranial aneurysms: review of 13 cases (ab), **126:** 831, 1978
Sontag, Marc R.
—; Cunningham, John R.: equivalent tissue-air ratio method for making absorbed dose calculations in a heterogeneous medium, **129:** 787, 1978
Sooriyaarachchi, Gamini S.
—; Johnson, Robert O.; Carbone, Paul P.: neoplasms of the large bowel following ureterosigmoidostomy (ab), **127:** 566, 1978
Sorin, M. See Meyer, L.-N.
Sorokin, Jeffrey J. See Pandarinath, Gupta S.
Sos, Thomas A. See Bredin, Charles P.; Levin, David C.; Sniderman, Kenneth W.
Sosin, H. See Cotman, H. E.
Sosman, J. Leland. See Weissman, Barbara N.
Sosman, Martha. See Fineberg, Harvey V.
Sostman, Dirk. See Gold, Jerome
Sostre, Samuel
—; Ashare, Alan B.; Quinones, Jose D.; Schieve, Jane B.; Zimmerman, J. Milton: thyroid scintigraphy: pinhole images versus rectilinear scans, **129:** 759, 1978
Soto, Benigno
—; Pacifico, Albert D.; Luna, Rodrigo F.; Bargeron, Jr., L. M.: radiographic study of congenital pulmonary atresia with ventricular septal defect, (AJR), **129:** 1027, 1977
Sotos, Juan F.
—; Cutler, Edward A.; Finkel, Martin A.; Doody, Dennis: hypocalcemia coma following two pediatric phosphate enemas (ab), **127:** 569, 1978
Southworth, Glen. See Jelaso, David V.
Southworth, Lawrence E. See Cimmino, Christian V.
Souza, Jr., Arthur S.
—; Bream, Peter R.; Elliott, Larry P.: chest film detection of coronary artery calcification. value of the CAC triangle, **129:** 7, 1978
Sowby, F. David
International Commission on Radiological Protection: 1978 Stockholm meeting (edit), **129:** 533, 1978
Sowell, Gene H.
^{60}Co equipment malfunction, **129:** 241, 1978
Spackman, Thomas J. See Mahboubi, Soroosh; Rosenberg, Henrietta Kotlus
Spadaccini, Cathy A. See Gomes, Antoinette S.
Spangler, John G.
—; Kleinberg, Frederic; Fulton, Richard E.; Barnhorst, Donald A.; Ritter, Donald G.: false aneurysm of the descending aorta: complication of umbilical artery catheterization (ab), **128:** 274, 1978
Spann, Jr., James F. See Humphries, Jr., William C.
Sparwasser, H. H. See Habighorst, L. V.
Spataro, Robert F. See Lin, Shu-Ren; Segal, Arthur J.
—; Linke, Charles A.; Barbaric, Zoran L.: use of percutaneous nephrostomy and urinary alkalinization in the dissolution of obstructing uric acid stones, **129:** 629, 1978
Speert, David P. See Magilavy, Daniel B.
Spencer, D. See Dalziell, H.
Spencer, Dennis D. See Geehr, Robert B.
Spencer, Richard P. See Dhawan, Vijay
—; Flannery, John T.: spleen in osteogenic sarcoma: scan and autopsy survey (ab), **127:** 574, 1978
—; Johnson, Philip M.; Sziklas, John J.: unusual scan presentations of splenic vasculature occlusion by tumor (ab), **127:** 574, 1978
Spiegel, Richard M. See Carsen, Gregory M.
—; King, Donald L.; Green, William M.: ultrasonography of primary cysts of the liver, (AJR), **131:** 235, 1978
Spies, Stewart M. See Ryerson, Thomas W.; Singh, Bhurji N.
Spigos, D. G. See Renigers, S. A.
Spindola-Franco, Hugo
—; Kronacher, Norman: pseudoaneurysm of the left ventricle: radiographic and angiocardiographic diagnosis, **127:** 29, 1978
—; Weisel, Arthur; Delman, Abner J.: pulmonary steal syndrome: unusual case of coronary-bronchial pulmonary artery communication, **126:** 25, 1978
Spiro, Howard M. See Chang, Stanley F.
Spitz, Harold B. See MacMillan, Bruce G.
Spitz, J. See Schmidt. M.
Spjut, Harlan J. See deSantos, Luis Alonso
Spoto, George. See Verani, Mario S.
Spranger, Jurgen W. See Romeo, Giovanni
Spratt, Jr., John S. See Thomson, James M.
Sprawls, Perry. See Goldman, Martin L.
Sprayregen, Seymour. See Friedman, Arnold C.; Naidich, James B.
Spriggs, David W.
—; Brantley, Robert E.: recognition of renal artery spasm during renal angiography, **127:** 363, 1978
Sprince, Nancy L.
—; Kanarek, David J.; Weber, Alfred L.; Chamberlin, Richard I.; Kazemi, Homayoun: reversible respiratory disease in beryllium workers (ab), **129:** 279, 1978
Spurny, Otto M. See Wu, Shuh-Min
Srichomkuan, Aree. See Hogan, Michael
Srisuro, Chotchai. See Kao, Ming-Shian
Srivastava, Narain. See Goldstein, David H.
Srivisal, Somnuk. See Sundaram, Murali
Staab, E. See Jacques, Paul F.
Staab, Edward V. See Lapis, James L.; Partain, C. Leon
—; McCartney, William H.: role of gallium 67 in inflammatory disease, (SNM), **8:** 219, 1978
Stabler, J.
uterine prolapse and urinary tract obstruction (ab), **127:** 569, 1978
Stables, Derek P.
—; Ginsberg, Nathan J.; Johnson, Michael L.: percutaneous nephrostomy: series and review of the literature, (AJR), **130:** 75, 1978
Stachura, Max E. See Schneider, Arthur B.
Stacy, Teresa M. See Wilson, Don A.
Stadalnik, Robert C. See Glass, Edwin C.
—; Rosenquist, C. John: comparative study of intravenous cholangiography and ^{99m}Tc-pyridoxylideneglutamate in patients with hepatobiliary disease (ab), **127:** 574, 1978
—; Vera, Zakauddin; DaSilva, Olavo; Davies, Richard; Kraus, Jess F.; Mason, Dean T.: electrocardiographic response to intravenous urography: prospective evaluation of 275 patients, (AJR), **129:** 825, 1977
Stadler, G. See Faust, H.
Standen, J. R. See Campbell, D. R.
Stanger, Paul. See Silverman, Norman H.
Stanley, James C. See Cho, Kyung J.; Silver, Terry M.; Walter, Joseph F.
Stanley, Philip. See Gates, Gary F.; Lewis, Alan B.
—; Miller, John H.: angiography of extremity masses in children, (AJR), **130:** 1119, 1978
—; Eto, Ross T.: arterial embolization of malignant tumor: report of two cases with angiographic findings, **126:** 93, 1978
—; Gyepes, Michael T.; Olson, David L.; Gates, Gary F.: renovascular hypertension in children and adolescents, **129:** 123, 1978
Stanley, Robert J. See Biello, Daniel R.; Forrest, John V.; Jost, R. Gilbert; Karstaedt, Nolan; Koehler, Robert E.; Lee, Joseph K. T.; Levitt, Robert G.
computed tomography of abdominal abnormalities (bk rev), **128:** 384, 1978
—; Sagel, Stuart S.; Levitt, Robert G.: computed tomography of the liver, (RCNA), **15:** 331, 1977
Stanley, RobertJ. See Levitt, Robert G.
Stannard, Michael W. See Smith, Roberta M.
—; Lebowitz, Robert L.: urography in the child who wets, (AJR), **130:** 959, 1978
Stanson, Anthony W. See Davis, George D.
Starcke, Edgar N. See Wescott, William B.
Stargardter, Frederick L. See Zboralske, F. Frank
Stark, Paul. See Greene, Reginald; McLoud, Theresa C.
Starshak, Robert J. See Sty, John R.
case of the spring season: (angiosarcoma of right atrium with hemorrhagic pulmonary metastases and spontaneous pneumothorax), (SR), **13:** 83, 1978
Stattin, S. See Frisen, L.
Stauffer, Richard N.
symposium on total joint replacement. quo vadis (ab), **127:** 568, 1978
total ankle joint replacement (ab), **127:** 568, 1978
Staum, Muni M. See Alavi, Abass
Stech, Joseph M. See Lin, Tung K.
Steckel, Richard. See Kolin, Alexander
Steckel, Richard J. See Kagan, A. Robert
—; Kolin, Alexander; MacAlpin, Rex N.; Snow, Harold D.; Juillard, Guy F.; Tesler, Alan S.; Metzger, Judith: differential effects of pitressin on blood flow and oxygen extraction in canine vascular beds, (AJR), **130:** 1025, 1978
Steele, J. Richard
—; Sones, Peter J.; Heffner, Jr., L. T.: detection of inferior vena caval thrombosis with computed tomography, **128:** 385, 1978
Steele, Peter
—; Ellis, Jr., James; Genton, Edward: effects of platelet suppressant, anticoagulant and fibrinolytic therapy in patients with recurrent venous thrombosis (ab), **128:** 565, 1978
Steels, M. See Pauwels, S.
Stefadouros, Miltiadis A. See Canedo, Mario I.
Steg, A. See Baert, L.
Stein, Bennett M. See Sonntag, Volker K. H.
Stein, David. See Dallemand, Serge
Stein, G. N. See DiGiacomo, Jr., P. J.
Stein, Harry L. See Naidich, James B.
Stein, Lawrence. See Palayew, Max J.
Stein, Mark A.
omental band: new sign of metastasis (ab), **128:** 283, 1978
Stein, M; on L. See Richman, Chaim
Stein, Paul D. See McFarland, Thomas M.
Stein, Richard A.
—; Michielli, Donald; Fox, Edward L.; Krasnow, Norman: continuous ventricular dimension in man during supine exercise and recovery: echocardiographic study (ab), **128:** 572, 1978
Steinbach, Howard. See Burnham, John
Steinberg, Allen. See Axelrod, Rita
Steinberg, Marta. See Gardner, W. James
Steinbok, Paul
—; Dolman, Clarisse L.; Kaan, Ken: pineocytomas presenting as subarachnoid hemorrhage: report of two cases (ab), **128:** 267, 1978
Steiner, Ladislau. See Edner, Goran
Steiner, R. E. See Chapman, A. H.
Steiner, Robert E. See Fazio, Ferruccio
Steiner, Robert M. See Curtis, John A.
Steinfeld, Alan D. See Shawker, Thomas H.
—; Weinstein, Donald S.: lymphangiographic detection of scalene node metastases from cervical carcinoma, (AJR), **130:** 371, 1978
Steinhardt, Marvin I. See Rubenstein, Joel
Steinhoff, H.
—; Lanksch, W.; Kazner, E.; Grumme, T.; Meese, W.; Lange, S.; Aulick, A.; Schindler, E.; Wende, S.: computed tomography in the diagnosis and differential diagnosis of glioblastomas: qualitative study of 295 cases (ab), **128:** 850, 1978
Steinhoff, Harald. See Buell, Udalrich; Kasner, Ekkehard
Steinoff, H. See Wende, S.
Stephanov, Stephan. See Joubert, Mauritius J.
Stephens, Clinton A. See Ein, Sigmund H.
Stephens, David H. See Hattery, Robert R.; McLeod, Richard A.; Sheedy, II, Patrick F.; Williamson, Jr., Byrn
—; Williamson, Jr., Byrn; Sheedy, II, Patrick F.; Hattery, Robert R.; Miller, W. Eugene: computed tomography of the retroperitoneal space, (RCNA), **15:** 377, 1977
Stephens, John C. See Birnholz, Jason C.
Stephenson, Thomas F.
—; Guzzetta, Louis R.; Tagulinao, Oscar A.: CT-guided Seldinger catheter drainage of a hepatic abscess, (AJR), **131:** 323, 1978

Sterling, William A. See Riley, Jr., Stancel M.
Sternberg, Cora N. See Pinto, Edward R.
Sternberg, Leonard
—; Wald, Robert W.; Feiglin, David H. I.; Morch, John E.: myocardial perfusion imaging with thallium-201: correlation with coronary arteriography and electrocardiography (ab), **128:** 860, 1978
Steven, L. W. See Andrews, J. T.
Stevens, David
—; Swift, P. G. F.; Johnston, P. G. B.; Kearney, P. J.; Corner, Beryl D.; Burman, David: Mycoplasma pneumoniae infections in children (ab), **128:** 564, 1978
Stevens, Dennis L.
—; Everett, E. Dale: sequential computerized axial tomography in tuberculous meningitis (ab), **129:** 848, 1978
Stevens, Edwin A. See Norman, David
—; Norman, David; Kramer, Richard A.; Messina, Albert B.; Newton, Thomas H.: computed tomographic brain scanning in intraparenchymal pyogenic abscesses, (AJR), **130:** 111, 1978
Stevens, J. Clarke. See Campbell, J. Keith
Stevens, Kenneth R. See Rosch, Joseph
Stevens, Peter M. See Gelman, Martin I.
Stevens, Peter S. See Cuttino, Jr., John T.
Stevenson, James G. See Broderick, Thomas W.
Stewart, Archibald M. See Bagley, Frederick H.
Stewart, David R.
—; Nixon, G. William; Johnson, Dale G.; Condon, Virgil R.: neonatal small left colon syndrome (ab), **128:** 275, 1978
Stewart, Edward T. See Leinicke, Jeffrey L.
Stiehm, E. Richard. See Fischer, Thomas J.
Stier, Frederick M. See Harrison, R. Brent
Stitik, Frederick P.
—; Bartelt, Detlef; James, Jr., A. Everette; Proctor, Donald F.: tantalum tracheography in upper airway obstruction: 100 experiences in adults, (AJR), **130:** 35, 1978
Stochdorph, Otto. See Kasner, Ekkehard
Stockum, Alfred E. See Molnar, William
Stoerner, Joan W. See Paxson, Jr., Charles L.
Stoffel, Thomas J. See Martins, Albert N.
—; Cox, James D.: Hodgkin's disease stage I and II: comparison between two different treatment policies (ab), **126:** 285, 1978
Stokes, Jr., Thomas J. See Budkin, Alberto
Stone, Margie. See Merlo, Richard B.
Stone, Richard A. See Levy, Steven B.; Talner, Lee B.
Stool, Sylvan E. See Reichert, Timothy J.
Stoppler, L. See Vogelsand, H.
Storm, P. B.
—; Kern, A.; Loening, S. A.; Brown, R. C.; Culp, D. A.: evaluation of pedal lymphangiography in staging non-seminomatous testicular carcinoma (ab), **127:** 278, 1978
Story, William E.
—; Felner, Joel M.; Schlant, Robert C.: echocardiographic criteria for the diagnosis of mitral-semilunar valve continuity (ab), **128:** 573, 1978
Stovring, Jorgen
descending tentorial herniation: findings on computed tomography (ab), **128:** 850, 1978
St-Pierre, Celine. See Pageau, Raymond
Strand, R.
—; Gilles, F.: symposium on development of the basicranium. DHEW publ. (NIH) 76-989 (bk rev), **129:** 418, 1978
Strand, Roy D. See Arkins, Thomas J.; Baker, Richard A.; Fellows, Kenneth E.
—; Baker, Richard A.; Ordia, Idahosa J.; Arkins, Thomas J.: metrizamide ventriculography and computed tomography in lesions about the third ventricle, **128:** 405, 1978
Strandberg, John D. See Barth, Klemens H.
Stratemeier, Phillip H.
massive esophageal hemorrhage in leukemia, (AJR), **129:** 1106, 1977
Strauss, H. William. See Barth, Klemens H.; Buckley, Bernardine H.; Oster, Zvi H.
Strauss, L. See Brill, P. W.
Streeten, Barbara W. See Kinsey, James A.
Strickner, M. See Fasol, P.
Strieder, Denise J. See Wohl, Mary Ellen B.
Strimlan, C. Vaughn
—; Rosenow, III, Edward C.; Weiland, Louis H.; Brown, L. R.: lymphocytic interstitial pneumonitis: review of 13 cases (ab), **129:** 561, 1978
Stringer, Bruce. See Bagnasco, Francis M.
Strother, Charles M. See Salamon, Georges
Strott, Charles A. See Schaner, Everett G.
Stroud, Donna R. See DeBeukelaer, Martin M.
Strum, Williamson B. See McCormack, Lawrence R.
Strunk, Brian L. See Ports, Thomas A.
Stucker, Fred J.
—; Holmes, William F.: metastatic disease of the temporal bone (ab), **126:** 273, 1978
Stufflebam, Bradley C. See Cisternino, Stephan J.
Stupar, Terry A.
—; Bahr, Gustave K.; Elson, Howard R.; Aron, Bernard S.; Compaan, Pearl J.; Kereiakes, James G.: generation of iso-TDF maps: considerations for radiation therapy planning, **126:** 773, 1978
Sturm, James. See Burke, Erwin L.
Sturtzer, F. See van Damme, W.
Sty, John R.
—; Sullivan, Phyllis; Wagner, Richard; Starshak, Robert J.: hepatic scintigraphy in Caroli's disease, **127:** 732, 1978
—; D'Souza, Bernard J.; Daniels, David: nuclear anatomy of diversionary central nervous system shunts in children (ab), **129:** 861, 1978
Subbarao, Kakarla. See Margolis, Harold S.
—; Jacobson, Harold G.: fractures and dislocations around the adult knee, (SR), **13:** 135, 1978
Subramanian, Gopal. See Wistow, Brian W.
Subramanian, V. A. See Sniderman, Kenneth W.
Sudderth, Michael E.
calcifying odontogenic cyst (Gorlin's cyst) of the maxillary sinus (ab), **126:** 274, 1978
Sue, Hak. See Kesala, B. Adrian
Sugatani, Hiroshi. See Asari, Syoji
Sugawa, Choichi
—; Walt, Alexander J.; Sankaran, Suryanarayanan; Bouwman, David; Weaver, Donald: pancreatic pseudocysts communicating with the stomach: demonstration by endoscopic retrograde pancreatography (ab), **127:** 563, 1978
Sugita, Ken-ichiro. See Shiozawa, Zenji
Sukerkar, Arun M. See Turner, David A.
Sukov, Richard. See Mink, Jerrold H.
Sullivan, Daniel C.
—; Taylor, Kenneth J. W.; Gottschalk, Alexander: use of ultrasound to enhance the diagnostic utility of the equivocal liver scintigraph, **128:** 727, 1978
Sullivan, Donita B. See Magilavy, Daniel B.
Sullivan, Kenneth P. See Chang, James
Sullivan, Phyllis. See Sty, John R.
Sumerling, M. D. See Fraser, G. M.
Sumner, Thomas. See Crowe, James
Sumner, Thomas E. See Crowe, James E.
Sundaram, Murali
—; Srivisal, Somnuk; De Mello, Daphne; Danis, Richard K.: angiography of multiple asynchronously manifest pheochromocytomas: APUD concept, (AJR), **130:** 1168, 1978
Sundqvist, Kaj. See Forsberg, Lillemor
Sung, Duk Il. See Harisiadis, Leon
—; Harisiadis, Leon; Chang, Chu H.: midline pineal tumors and suprasellar germinomas: highly curable by irradiation, **128:** 745, 1978
Suntharalingam, Nagalingam. See Galkin, Benjamin M.
Surame, I. See Lanning, Peter
Suratt, Paul. See Dee, Paul
Suratt, Paul M.
—; Winn, Jr., Washington C.; Brody, Arnold R.; Bolton, W. Kline; Giles, Richard D.: acute silicosis in tombstone sandblasters (ab), **127:** 562, 1978
Susac, John O.
—; Martins, Albert N.; Whaley, Robert A.: intracanalicular meningioma with normal tomography: case report (ab), **126:** 831, 1978
Susman, Noah. See Hammerman, Albert M.
Sussman, Michael D. See Cail, Wayne S.
Sutherland, L. R.
—; Edwards, L. A.; Medline, A.; Wilkinson, R. W.; Cannon, J. J.: meglumine iodipamide (Cholografin) hepatotoxicity (ab), **126:** 278, 1978
Sutton, Jerry S.
normal jugular spur, jugular foramen, and jugular bulb as visualized on skull and temporal bone radiographs, **128:** 109, 1978
Sutton, Martin G. St. John
—; Hagler, Donald J.; Tajik, Abdul J.; Giuliani, Emilio R.; Seward, James B.; Ritter, Donald G.; Ritman, Erik L.: cardiac function in the normal newborn: additional information by computer analysis of the M-mode echocardiogram (ab), **129:** 283, 1978
Suwa, S. See Tanaka, T.
Suzuki, Shigeharu
—; Ito, Kenjiro; Iwabuchi, Takashi: ventriculography with non-ionic water-soluble contrast medium, Amipaque (metrizamide): comparative experimental and clinical studies (ab), **127:** 855, 1978
Suzuki, Teruyasu. See Ishii, Yasushi
Suzuki, Yamoto. See Arkins, Thomas J.
Svendsen, Lars Bo
—; Johansen, T. Staehr; Kristensen, Paul: intestinal obstruction caused by an aberrant umbilical vein (ab), **127:** 567, 1978
Svetkoff, Donald J. See Keyes, Jr., John W.
Svorc, J. See Snobl, O.
Swan, H. J. C. See Charuzi, Yzhar
Swan, Kenneth G. See Kerr, John C.
Swank, Ralph L.
—; Wolfson, Sorrell L.: traumatic pneumatocele from a revolving restaurant (ab), **126:** 277, 1978
Swanson, Dennis P. See Beierwaltes, William H.
Swanton, M. See Jacques, Paul F.
Swartz, Harold M.
on "conservative" estimates of radiation hazards (opin), **126:** 267, 1978
Swartz, Richard D.
—; Rubin, James E.; Leeming, Brian W.; Silva, Patricio: renal failure following major angiography (ab), **129:** 856, 1978
Swee, Ronald G. See Brown, Manuel L.
Swenson, D. A. See Knapp, E. A.
Swensson, Richard G. See Hessel, Samuel J.; Hillman, Bruce J.
Swift, P. G. F. See Stevens, David
Swischuk, Leonard E. See Sarwar, Mohammad
acute nontraumatic genitourinary problems in infants and children, (RCNA), **16:** 147, 1978
acute respiratory distress in the infant, (RCNA), **16:** 77, 1978
—; Fagan, Charles J.; Sarwar, Mohammad: persistence of the dens as the body of C1: case report of a rare anomaly, **127:** 330, 1978
Sybers, Robert G. See Goldman, Martin L.
Sybert, Allender. See Bloom, Robert
Syed, A. M. Nisar
—; Puthawala, Ajmel; Neblett, David; George, III, Frederick W.; Myint, U. Soe; Lipsett, James A.; Jackson, B. Richard; Flemming, Peter A.: primary treatment of carcinoma of the lower rectum and anal canal by a combination of external irradiation and interstitial implant, **128:** 199, 1978
Symbas, Panagiotis N.
—; Hatcher, Jr., Charles R.; Harlaftis, Nicholaos: spontaneous rupture of the esophagus (ab), **129:** 563, 1978
Sziklas, John J. See Dhawan, Vijay; Spencer, Richard P.

T

Taati, Farshid. See Kido, Daniel K.
Tachakarova, Ivanka. See Munzenrider, John E.
Tachdjian, Mihran O. See Rogers, Lee F.
Tada, Shimpei. See Kawakami, Kenji
—; Sekiya, Tohru; Kino, Masao; Shintani, Yoichiro; Harada, Junta; Nanjoh, Mitsuo; Machida, Toyohei; Masuda, Fujio; Miki, Makoto; Shoji, Ryo: labelled Gelfoam in transcatheter arterial embolization of renal cell carcinoma, **128:** 825, 1978
Tadmor, Rina
—; Davis, Kenneth R.; Roberson, Glenn H.; New, Paul F. J.; Taveras, Juan M.: computed tomographic evaluation of traumatic spinal injuries, **127:** 825, 1978
—; Davis, Kenneth R.; Roberson, Glenn H.; Kleinman, George M.: computed tomography in primary malignant lymphoma of the brain (ab), **129:** 271, 1978
—; New, Paul F. J.: computed tomography of the orbit with special emphasis on coronal sections: part I. normal anatomy (ab), **128:** 267, 1978
—; New, Paul F. J.: computed tomography of the orbit with special emphasis on coronal sections: part II. pathological anatomy (ab), **128:** 268, 1978
Taenzer, V.
—; Tunn, U.: roentgen diagnosis of prostatic carcinoma (ab), **126:** 839, 1978
Tagulinao, Oscar A. See Stephenson, Thomas F.
Tai, Douglas L.
—; Maruyama, Yosh: assessment of neutron/gamma-ray dose ratios in intracavitary ^{252}Cf neutron therapy, **128:** 795, 1978
Tai, Joseph. See Belitsky, Philip
Taitz, C.
—; Nathan, H.; Arensburg, B.: anatomical observations of the foramina transversaria (ab), **129:** 567, 1978
Tajik, Abdul J. See St. John Sutton, Martin G.; Sutton, Martin G. St. John

Takahashi, Masato. See Adler, Robert
Takahashi, Shinji. See Tanaka, Yoshiaki
Takase, M. See Tokunaga, A.
—; Tokunaga, A.; Otani, K.; Horie, T.: atlas of the human brain for computed tomography based on the glabella-inion line (ab), **128:** 560, 1978
Takayasu, Kenichi. See Ohkubo, Hideki
Takeoka, Tsuneyuki
—; Gotoh, Fumio; Fukuuchi, Yasuo; Inagaki, Yasutaka: Tolosa-Hunt syndrome: arteriographic evidence of improvement in carotid narrowing (ab), **128:** 562, 1978
Talberth, E. See Enzmann, Dieter R.
Tallman, James M. See Goldman, Martin L.
Talner, Lee B. See Davidson, Alan J.; Ellenbogen, Paul H.; Levy, Steven B.
—; Stone, Richard A.; Coel, Marc N.; Levy, Steven B.; Emarine, Charles W.: furosemide-augmented intravenous urography: results in essential hypertension, (AJR), **130:** 257, 1978
Tan, B. C. See Khor, T. H.
Tanabe, Masatada. See Qureshi, Saeeda
Tanahashi, Yoshikatsu. See Harada, Kuzuya
Tanaka, Akira. See Fukui, Masashi
Tanaka, Norimoto. See Clement, Jacob J.
Tanaka, T.
—; Suwa, S.: case of McCune-Albright syndrome with hyperthyroidism and vitamin D-resistant rickets (ab), **127:** 279, 1978
Tanaka, Toshiyuki. See Datta, Nand S.
Tanaka, Yoshiaki. See Shiozawa, Zenji
—; Takahashi, Shinji: studies of pulmonary vasculature using chromatoroentgenography, **126:** 527, 1978
Tanasescu, Doina E. See Waxman, Alan D.
Tandon, P. N. See Mohanty, S.
Taneda, Mamoru. See Irino, Tadayoshi
Tang, Douglas B. See Harris, Jr., John M.
Tanguy, D. See Beneux, J.
Tao, L. C. See McLoughlin, M. J.
Tapia, J. See Corrales, M.
Tarhan, Sait. See Davis, George D.
Tatcher, Morris
—; Yudelev, Mark: time–dose effects in the matching of adjacent radiotherapy fields, **126:** 253, 1978
Tatler, G. L. V. See Kendall, B. E.
Taunt, Kathleen A. See Jaffe, C. Carl
Tauxe, W. Newlon. See Bueschen, Anton J.
Taveras, Juan M. See Davis, James M.; Tadmor, Rina
Tavernier, J. See Sabatier, J. C.
Tavormina, Anthony
—; Mousavi, Ali; Gordon, David H.; Solomon, Nathan A.: extravasation of contrast material from vascular ectasia of the cecum detected with ^{99m}Tc-pertechnetate, **128:** 168, 1978
Taylor, A. See Weissberg, D. L.
Taylor, Andrew. See Alazraki, Naomi P.; Chafetz, Neil
Taylor, J. C. See Choudhury, A. R.
Taylor, K. J. W. See Walsh, J.
Taylor, K. W. See Aldridge, H. E.
—; McLoughlin, M. J.; Aldridge, H. E.: specifications of angulated projections in coronary arteriography (ab), **128:** 272, 1978
Taylor, Kenneth J. W. See Cook, III, John H.; Crade, Michael; de Graaff, Casper S.; Gold, Jerome; Rosenfield, Arthur T.; Sullivan, Daniel C.
Taylor, Kenneth J. W.
—; Atkinson, Peter; de Graaff, Casper S.; Dembner, Alan G.; Rosenfield, Arthur T.: clinical evaluation of pulse-Doppler device linked to gray scale B-scan equipment, **129:** 745, 1978
—; Rosenfield, Arthur T.: grey-scale ultrasonography in the differential diagnosis of jaundice (ab), **126:** 557, 1978
Taylor, Kenneth W. See Gray, Joel E.; Villagran, Jorge E.
Taylor, Willis. See Simko, Thomas G.
Tchang, Stanley
—; Terbrugge, Karel; Melancon, Denis; Belanger, Gary; Milner, Curt; Ethier, Romeo; Scotti, Giuseppe: computerized tomography as a possible aid to histological grading of supratentorial gliomas (ab), **127:** 842, 1978
Teele, Rita Littlewood. See Lawson, Edward E.
Tefft, Melvin
—; Fernandez, Carlos; Donaldson, Milton; Newton, William; Moon, Thomas E.: incidence of meningeal involvement by rhabdomyosarcoma of the head and neck in children: report of the Intergroup Rhabdomyosarcoma Study (IRS) (ab), **129:** 575, 1978
radiation related toxicities in National Wilms' Tumor Study Number 1 (ab), **126:** 846, 1978
Tegtmeyer, Charles J.
—; Cail, Wayne; Wyker, Jr., Arthur W.; Gillenwater, Jay Y.: angiographic diagnosis of renal tumors associated with polycystic disease, **126:** 105, 1978
Teichholz, Louis E. See Brik, Henry; Joffe, C. David; Millman, Arthur
Teillet, F. See Katz, M.
Telfer, Nancy. See Meyers, Marvin H.
Telle, R. L. See Mascatello, V. J.
Temes, Gerald P. See Drasin, George F.
Temes, Sanford P. See Seidelmann, Frank E.
Templeton, Arch W. See Chang, C. H. Joseph; Dwyer, III, Samuel J.
Tengroth, B. See Rosengren, B.
Tentier, Robert L.
—; Palacios, Enrique: false-negative computerized tomography in brain tumor (ab), **126:** 548, 1978
Teplick, J. George
—; Head, Gordon L.; Kricun, Morrie E.; Haskin, Marvin E.: ghost infantile vertebrae and hemipelves within adult skeleton from thorotrast administration in childhood, **129:** 657, 1978
Terbrugge, Karel. See Scotti, Giuseppe; Tchang, Stanley
Teresi, Meguel. See Asokan, Sangarappillai
Ternberg, Jessie L. See Bell, Martin J.
Ter-Pogossian, Michel M.
—; Mullani, Nizar A.; Hood, John; Higgins, Carol S.; Currie, C. Michael: multislice positron emission computed tomograph (PETT IV) yielding transverse and longitudinal images, **128:** 477, 1978
Terrence, C. F.
—; Delaney, J. F.; Alberts, M. C.: computed tomography for Huntington's disease (ab), **127:** 842, 1978
Terry, Arthur F. See deSantos, Luis Alonso
Terwinghe, G. See Baleriaux-Waha, D.
Tesh, Donald. See Moore, Terence N.
Tesh, Donald W. See Carter, Stephen J.; Simko, Thomas G.
Teske, Douglas W. See Burech, Dennis L.
Tesler, Alan S. See Steckel, Richard J.
Testa, H. J. See O'Reilly, P. H.
Tetalman, Marc. See Pechman, Robert
Tetalman, Marc R. See Conrad, III, William C.
—; Scheu, John D.; Araujo, Otaviano; Sheriff, Richard A.: effect of varying dose levels of intravenous sodium perchlorate on choroid plexus visualization (ab), **127:** 575, 1978
—; Kusumi, Rodney; Gaughran, George; Baba, Nobuhisa: radionuclide liver spots: indicator of liver disease or a blood flow phenomenon, (AJR), **130:** 291, 1978
Tewfik, Hamed H. See Nordstrom, Donald G.
Texter, Jr., J. H. See Hietala, S.-O.
Thaggard, III, Alvin
—; Harle, Thomas S.; Carlson, Victor: fractures and dislocations of bony pelvis and hip, (SR), **13:** 117, 1978
Thal, Erwin R.
—; Weigelt, John; Landay, Michael; Conrad, Melvyn: evaluation of ultrasound in the diagnosis of acute and chronic biliary tract disease (ab), **128:** 574, 1978
Thawley, Stanley E. See Fierstein, Jeffery F.
—; Gado, Mokhtar; Fuller, Thomas R.: computerized tomography in the evaluation of head and neck lesions (ab), **129:** 848, 1978
Thelmo, William. See Adler, Jonathan
Thenabadu, Pujitha N. See Wickremasinghe, Himansu R.
Theron, J. See Lasjaunias, P.
Thesingh, C. W.
—; Driessen, O. M.; Daems, W. Th.; Franken, C.; Pauwels, E. K. J.; Scheffer, E.; Vermeij, J.; Wisse, E.: accumulation and localization of gallium-67 in various types of primary lung carcinoma (ab), **128:** 285, 1978
Thevenet, A. See Lamarque, J. L.
Thiel, H. J. See Schmidt, M.
Thiele, G. See Vogelsand, H.
Thigpen, T. See Livingston, R. B.
Thijs, L. G.
—; van Huekelem, H. A.; Hoitsma, H. F. W.; Heidendal, G. A. K.; Blok, P.: detection of epidermoid cysts of the spleen using a combined isotopic and ultrasonic investigation (ab), **128:** 862, 1978
Thind, G. S.
—; Bhatia, J. L.: pulmonary alveolar microlithiasis (ab), **129:** 852, 1978
Thoeni, Ruedi F.
—; Margulis, Alexander R.: state of radiographic technique in the examination of the colon: survey, **127:** 317, 1978
Thomas, Arthur N. See Fraser, Robert W.
Thomas, Fred B. See Fromkes, John
Thomas, John L.
—; Scherer, James; Kahl, Frederick R.; Watson, Nat; Cowan, Robert: differential shunting in the diagnosis of patent ductus arteriosus with Eisenmenger physiology by radionuclide angiography, **127:** 733, 1978
Thomas, Louis B. See Breslow, Lester
Thomas, P. S. See Glasgow, J. F. T.
Thomas, Jr., Paul A.
noninvasive ultrasonic estimation of brachial artery blood flow (ab), **126:** 283, 1978
Thomas, Roger H. See Miller, Edward I.
Thomas, Stephen R. See Maxon, Harry R.
—; Gelfand, Michael J.; Kereiakes, James G.; Ascoli, Frank A.; Maxon, Harry R.; Saenger, Eugene L.; Feller, Paul A.; Sodd, Vincent J.; Paras, Peter: dose to the metaphyseal growth complexes in children undergoing ^{99m}Tc-EHDP bone scans, **126:** 193, 1978
Thompson, C. J. See Leppik, I. E.
Thompson, Carol P. See McLoughlin, Michael J.
Thompson, J. R. See Kitching, G. B.
Thompson, James R. See Rowen, Marshall
Thompson, Norman W. See Freitas, John E.
Thompson, William M. See Blum, Jeffrey; Limberakis, Anthony J.; Miller, Michael D.; Older, Robert A.
Thomson, J. G.
—; Gold, R. E.; Grace, D. M.; Passi, R. B.: rectal wall bleeding—overlooked source of massive gastrointestinal hemorrhage (ab), **126:** 278, 1978
Thomson, James M.
—; Spratt, Jr., John S.: treatment policies affecting survival in patients with carcinoma of the cervix, **127:** 771, 1978
Thomson, K. R. See Violante, M. R.
Thomson, Kenneth R. See Barbaric, Zoran L.
Thomson, Samuel B. See Phillips, Joseph F.
Thorburn, Kim. See Webb, W. Richard
Thornbury, John R. See Cho, Kyung J.; Fryback, Dennis G.; Kuhns, Lawrence R.
—; Fryback, Dennis G.; Patterson, Fred E.; Chiavarini, Robert L.: effect of screen/film combinations on diagnostic certainty: Hi-Plus/RPL versus Lanex/Ortho G in excretory urography, (AJR), **130:** 83, 1978
radiology and the kidney. some present concepts. vol.5 of contributions to nephrology (bk rev), **126:** 110, 1978
Thornby, John I. See Wescott, William B.
Thrall, James H. See Kaufman, Robert A.; Keyes, Jr., John W.
—; Freitas, John E.; Beierwaltes, William H.: adrenal scintigraphy, (SNM), **8:** 23, 1978
—; Burman, Kenneth D.; Wartofsky, Leonard; Corcoran, Robert J.; Johnson, Merrill C.; Gillin, Michael T.: discordant imaging of a thyroid nodule with ^{131}I and ^{99m}Tc: concordance of ^{131}I and fluorescent scans, **128:** 705, 1978
—; Rucknagel, Donald L.: increased bone marrow blood flow in sickle cell anemia demonstrated by thallium-201 and Tc-99m human albumin microspheres, **127:** 817, 1978
—; Gillen, Michael T.; Johnson, Merrill C.; Corcoran, Robert J.; Wartofsky, Leonard: quantitative thyroid fluorescent scanning: technique and clinical experience, (AJR), **130:** 517, 1978
Thrower, Pamella D. See Geraci, Joseph P.
Thurlbeck, William M.
—; Simon, George: radiographic appearance of the chest in emphysema, (AJR), **130:** 429, 1978
Thurman, D. J. See Osborn, A. G.
Tigori, J. See Larra, F.
Tikoff, Gerasim. See Prescott, Stephen M.
Till, Kenneth. See Kingsley, Derek
Timmons, John W. See Ramos, Alvaro J.
Tisch, G. See Bailey, R. R.
Tisell, Lars-Eric
—; Hansson, Goran; Lindberg, Sture; Ragnhult, Inger: hyperparathyroidism in persons treated with x-rays for tuberculous cervical adenitis (ab), **126:** 560, 1978
Tishler, Jack M. See MacEwan, Douglas W.
Tisi, Gennaro M. See Alazraki, Naomi P.
Tjen, H. S. L. M.
—; van der Pompe, W. B.; Cox, P. H.: technetium-99m-labelled diethyl-acetanilido-iminodiacetate: new hepatobiliary agent. preliminary report (ab), **128:** 861, 1978
Tjhen, K. Y.
—; Zillhardt, H. W.: Gaucher disease—chronic adult type—4 involved siblings, before and after splenectomy (ab), **127:** 854, 1978
Tobian, Louis. See D'Souza, Vincent J.
Tobias, C. A.
—; Benton, E. V.; Capp, M. P.; Chatterjee, A.; Cruty, M. R.; Henke, R. P.: particle radiography and autoactivation (ab), **129:** 287, 1978
Tobias, Donald A. See Jones, Stephen E.
Todd, J. H. See Burton, I. E.
Todd-Pokropek, Andrew E. See Pizer, Stephen M.

Toerge, John. See Calenoff, Leonid
Tokita, N. See Kim, Jae Ho
Tokunaga, A. See Takase, M.
—; Takase, M.; Otani, K.: glabella-inion line as a baseline for CT scanning of the brain (ab), **128:** 560, 1978
Tokunaga, Susumu. See Itoh, Harumi
Tokuoka, S. See McGregor, D. H.
Toledo-Pereyra, Luis H. See Bitran, Jacob D.
Tolman, Dan E. See Hodgkinson, Darryl J.
Tom, J. L. See Hendry, G. O.
Tomasa, Antonio. See de LaTorre, Francisco J.
Tomasian, Aram. See Carrington, Charles B.
Tompkins, Dorothy G. See Brenner, Joel I.
Tomsick, Thomas A.
normal skull variant that may simulate a fracture, (SR), **13:** 3, 1978
—; Chambers, A. Alan; Lukin, Robert R.: skull fractures, (SR), **13:** 27, 1978
Tonami, Norihisa. See Hisada, Kinichi
—; Hisada, Kinichi: clinical experience of tumor imaging with ^{201}Tl-chloride (ab), **126:** 846, 1978
Tonkin, Ina L. D.
—; Bjelland, John C.; Hunter, Tim B.; Capp, M. Paul; Firor, Hugh; Ermocilla, Rufino: spontaneous resolution of colonic strictures caused by necrotizing enterocolitis: therapeutic implications, (AJR), **130:** 1077, 1978
Toole, James F. See Blackwell, Eric
Torg, Joseph S. See Pavlov, Helene
Torizuka, Kanji. See Ishii, Yasushi; Itoh, Harumi; Kawamura, Juichi
Tornvall, G. See Sinner, W. N.
Torres, Fernando. See Ashwal, Stephen
Torresani, T. See Illig, R.
Touitou, D. See Capesius, P.
Touloukian, Robert J. See Effmann, Eric L.
Tourje, E. James. See Latchaw, Richard E.
Toutouzas, Pavlos
—; Velimezis, Anastasios; Castellanos, Stamatis; Avgoustakis, Dimitris: noninvasive study of early diastole in mitral stenosis (ab), **128:** 573, 1978
Towne, William D. See Kramer, Neil E.
Townsend, Jeannette J. See Mavroudis, Constantine
Trap-Jensen, J. See Nielsen, S. Pors
Traviesa, Dan B. See Barricks, Michael E.
Treves, S. See Fischer, Keith C.
Treves, Salvador. See Hill, Thomas C.; Wohl, Mary Ellen B.
—; Grand, Richard J.; Eraklis, Angelo J.: pentagastrin stimulation of technetium-99m uptake by ectopic gastric muscosa in a Meckel's diverticulum, **128:** 711, 1978
Trevor, Richard. See Hedeman, Lynn S.; LaCour, Fritz
Troner, Michael. See Pereiras, Raul V.
Trope, C. See Mattsson, W.
Trought, William S. See Morgan, Carlisle L.
Trout, E. Dale. See Boice, Jr., John D.
Truax, Bradley T. See Harrington, Donald P.
Trubek, Max. See Koch, Paul C.
Truelove, Leslie. See Cooperberg, Peter L.
Trumper, J. See Lubin, E.
Tsan, Min-Fu. See Menon, Shameen
—; Chen, William Y.; Scheffel, Ursula; Wagner, Jr., Henry N.: studies on gallium accumulation in inflammatory lesions: I. gallium uptake by human polymorphonuclear leukocytes (ab), **128:** 285, 1978
studies on gallium accumulation in inflammatory lesions: III. roles of polymorphonuclear leukocytes and bacteria (ab), **129:** 285, 1978
Tsang, Iian. See Cooperberg, Peter L.
Tsuji, Shoji. See Furuse, Makoto
Tsukamoto, Yoshiki
—; Onitsuka, Hideo; Lee, Kelvin: radiologic aspects of diffuse idiopathic skeletal hyperostosis in the spine, (AJR), **129:** 913, 1977
—; Nishitani, Hiromu; Oshiumi, Yoshihiko; Okawa, Tatsujiro: spontaneous disappearance of gastric polyps: report of four cases, (AJR), **129:** 893, 1977
Tsung, Peinan. See Osman, Gamal E.
Tuazon, Carmelita U. See Murray, Henry W.
Tucker, A. K. See Simmons, M.
Tucker, Harvey M. See Weinstein, Meredith A.
Tucker, Marilyn J. See Twiford, Jr., Thomas W.
Tullis, James. See Goodman, Robert
Tully, Richard J.
—; McFarland, William D.; Lodwick, Gwilym S.: general purpose digital display system for computed tomography images, **127:** 539, 1978
Tunks, E. See Banna, M.
Tunn, U. See Taenzer, V.
Turbiner, Elliott H.
—; Yeh, Samuel D. J.; Rosen, Paul P.; Bains, Manjit S.; Benua, Richard S.: abnormal gallium scintigraphy in *Pneumocystis carinii* pneumonia with a normal chest radiograph, **127:** 437, 1978
Turetz, Frank. See Goldfine, Susan L.
Turina, J. See Krayenbuhl, H. P.
Turner, David A.
—; Fordham, Ernest W.; Ali, Amjad; Slayton, Robert E.: gallium-67 imaging in the management of Hodgkin's disease and other malignant lymphomas, (SNM), **8:** 205, 1978
—; Fordham, Ernest W.; Ali, Amjad; Rubin, Paul D.; Muerhrcke, Robert C.; Oppenheim, Bernard E.; Yasillo, Nicholas J.; Sukerkar, Arun M.; Novetsky, Gary J.; Dalia, Depak P.; Hoffer, Paul B.: motion corrected hepatic scintigraphy: objective clinical evaluation (ab), **128:** 286, 1978
—; Battle, William E.; Deshmukh, Hanumant; Colandrea, Michael A.; Snyder, Gary J.; Fordham, Ernest W.; Messer, Joseph V.: predictive value of myocardial perfusion scintigraphy after stress in patients without previous myocardial infarction (ab), **128:** 575, 1978
—; Ali, Amjad A.; Ochart, Magdalene G.; Sukerkar, Arun M.; Fordham, Ernest W.; Rayudu, Garimella V. S.: rectal perchlorate for unconscious patients prior to brain scintigraphy with pertechnetate: concise communication (ab), **127:** 286, 1978
Turner, John G. See Fogelman, Ignac
Turner, R. L. See Burton, I. E.
Turner, Robert. See Miller, Wallace T.
Turner, S. S.
—; Vieira, E. F.; Ager, P. J.; Alpert, S.; Efron, G.; Ragins, H.; Weil, P.; Ghossein, N. A.: elective postoperative radiotherapy for locally advanced colorectal cancer: preliminary report (ab), **126:** 285, 1978
Turnier, Edgard. See Allen, John W.
Turnipseed, William D. See Crummy, Andrew B.
Turpie, Alexander G. See Hull, Russell
Tuttle, Robert J.
—; Minielly, John A.: angiographic diagnosis of acute hemorrhagic renal cortical necrosis, **126:** 637, 1978
—; Minielly, John A.: splenic cystic lymphangiomatosis: unusual cause of massive splenomegaly, **126:** 47, 1978
Twiford, Thomas W.
—; Zornoza, Jesus; Libshitz, Herman I.: recurrent spontaneous pneumothorax after radiation therapy to the thorax (ab), **128:** 287, 1978
Twiford, Jr., Thomas W.
—; Granmayeh, Masood; Tucker, Marilyn J.: gangrene of the feet associated with mesenteric intraarterial vasopressin, (AJR), **130:** 558, 1978
Ty, M. See Pastershank, S. P.
Tyers, G. Frank O. See Williams, Edward H.
Tylen, U. See Albrechtsson, U.
Tyrrell, Michael J. See Izukawa, Terro

U

Udoff, Eric J.
—; Roland, Jean-Michel; White, Jr., Robert I.: coronary artery anomaly in double-outlet right ventricle, (AJR), **131:** 710, 1978
Ulbrych-Jablonska, Anna
—; Kalenik, Janina; Herman, Teresa; Rachwal-Kleinrok, Eva: subdural hygroma in infants with congenital toxoplasmosis (ab), **126:** 273, 1978
Ulreich, Sidney
—; Lund, David A.; Jacobson, James J.: spontaneous rupture of a calyceal diverticulum during urography, (AJR), **131:** 337, 1978
Umber, James S. See Gelman, Martin I.
Unal, A. See Whitmore, Jr., W. F.
Underwood, Jr., Paul B.
—; Lutz, Myron H.; Smoak, Dahlmon L.: ureteral injury following irradiation therapy for carcinoma of the cervix (ab), **126:** 288, 1978
Unger, George F. See Eldevik, O. Petter; Haughton, Victor M.; Unger, June DeBoer
Unger, June DeBoer
—; Chiang, Lan Chang; Unger, George F.: apparent reformation of the base of the skull following radiotherapy for nasopharyngeal carcinoma, **126:** 779, 1978
Upton, Arthur C. See Breslow, Lester
Urie, Marcia. See Simpkins, Gary S.
Ursic, Thomas A. See White, Jr. Robert I.
Uzzell, Barbara. See Zimmerman, Robert A.

V

Valdes, Dapena, Marie. See Wexler, Howard A.
Valdimarsson, E. See Liliequist, B.
Valensi, Quentin J. See Ambos, Marjorie A.
van Belle, Gerald. See Smith, Gerald R.
Van Bergen, William S. See Williams, Charles H.
van Damme, B. See Baert, A. L.
Van Damme, W. See Capesius, P.
—; Reolon, M.; Pereira, N.; Wachenheim, C.: arterial and venous signs of tumors within the fourth ventricle (ab), **127:** 845, 1978
—; Sturtzer, F.; Dosch, J.; Ammerich, H.: new method to localize the choroid point of the PICA and the venous copular point on the lateral projection of vertebral angiography (ab), **126:** 272, 1978
—; Kosmann, P.; Wackenheim, C.: standardized method for computed tomography of the orbits (ab), **127:** 559, 1978
van de Kamp, J. J. P. See van Weel-Sipman, M.
Van Dellen, J. R.
—; Danziger, A.: failure of computerized tomography to differentiate between radiation necrosis and cerebral tumour (ab), **128:** 849, 1978
Van Den Tweel, Jan G. See Gordonson, Jay
van der Pompe, W. B. See Tjen, H. S. L. M.
Van Dyk, H. J. L. See Osborn, A. G.
Vanesian, Richard
—; Grossman, Michael; Metherell, Alexander; Flynn, John J.; Louscher, Sheila: antepartum ultrasonic diagnosis of congenital hydrocele, **126:** 765, 1978
van Grondelle, Albertus. See Aziz, Kalim U.
Vanhoutte, Jean J.
—; Raeside, David E.: generalization of Chevrot's method for determining anteversion and cervico-diaphyseal angles, **128:** 251, 1978
van Huekelem, H. A. See Thijs, L. G.
Van Husen, N. See Safrany, L.
Van Meerdervoort, H. F. Pompe
cast syndrome—vascular obstruction of the duodenum (ab), **128:** 571, 1978
Van Stiegmann, Gregory
—; Brantigan, Charles O.; Hopeman, Alan R.: tension pneumomediastinum (ab), **127:** 562, 1978
van Weel-Sipman, M.
—; van de Kamp, J. J. P.; de Koning, J.: female with "Aase syndrome" (ab), **128:** 571, 1978
Varanasi, Umanaheswara. See Adler, Jonathan
Varley, Richard B. See Duckert, Larry G.
Vaughan, Jr., E. Darracott. See Harrison, R. Brent
Vaughan, Russell S.
—; Menke, James A.; Giacola, George P.: pneumothorax: complication of endotracheal tube suctioning (ab), **129:** 561, 1978
Velimezis, Anastasios. See Toutouzas, Pavlos
Velkley, Donald. See Marks, James E.
Venkataraman, K. See Allen, John W.
Venkataraman, Kalyanasundaram
—; Siegel, Robert; Kim, Sun June; Allen, John W.: musical murmurs: echo-phonocardiographic study (ab), **128:** 859, 1978
Venkatesh, Nagammal
—; Polcyn, Robert E.; Norback, Diane H.: metastatic calcification: role of bone scanning, **129:** 755, 1978
Vennes, J. A. See Lasser, R. B.
Vennes, Jack A. See Rohrmann, Jr., Charles A.
Venugopal, S. See Howman-Giles, Robert
Vera, Zakauddin. See Stadalnik, Robert C.
Verani, Mario S.
—; Marcus, Melvin L.; Razzak, Muhammad A.; Ehrhardt, James E.: sensitivity and specificity of thallium-201 perfusion scintigrams under exercise in the diagnosis of coronary artery disease (ab), **129:** 574, 1978
—; Marcus, Melvin L.; Spoto, George; Rossi, Nicholas P.; Ehrhardt, James C.; Razzak, Muhammad A.: thallium-201 myocardial perfusion scintigrams in the evaluation of aorto-coronary saphenous bypass surgery (ab), **129:** 574, 1978
Vermeij, J. See Thesingh, C. W.
Vermes, J.-M. See Odievre, M.
Vermess, Michael
—; Haynes, Barton F.; Fauci, Anthony S.; Wolff, Sheldon M.: computer assisted tomography of orbital lesions in Wegener's granulomatosis (ab), **128:** 268, 1978

Vessal, K.
—; Rezvani, L.; Farpour, A.; Dutz, W.; Robertson, H.: roentgenologic changes in pulmonary echinococcosis (ab), **126:** 834, 1978
Viamonte, Manuel. See Pereiras, Raul V.
Viamonte, Jr., Manuel. See Nunez, Jr., Diego; Pereiras, Raul
Viard, H.
—; Klepping, Cl.; Barault, J.-F.; Cayot, M.: ulcer of the neck of a hiatus hernia: 8 cases (ab), **127:** 279, 1978
Vichayanrat, Apichati. See Avramides, Avraam
Vidal, J.
—; Cortina, H.; Alonso, A.; Alberto, C.; Lanuza, A.; Perez-Candela, V.: indications for pneumoperitoneum in the diagnosis of congenital anomalies in the umbilical region (ab), **127:** 856, 1978
Vieira, E. F. See Turner, S. S.
Vieras, Frank
—; Boyd, Charles M.: clinical experience with the 2-minute ^{99m}Tc-neck/thigh ratio: quick, simple, reproducible test of thyroid function (ab), **128:** 861, 1978
—; Boyd, Charles M.: clinically silent brain metastases: can radionuclide scintigraphy detect them? (ab), **127:** 573, 1978
radiation induced skeletal and soft tissue bone scan changes (ab), **126:** 846, 1978
Vietor, K. W.
—; Havsteen, B.; Harms, D.; Busse, H.; Freitag, F.: ethanolaminosis, a generalized storage disease with cardiomegaly, cerebral dysfunction, and early death (ab), **126:** 282, 1978
Vieweg, W. V. R. See Ehrich, Dennis A.; Higgins, Charles B.
Vignaendra, Velupillay. See Ng, K. K.
Vignola, Paul A.
—; Walker, Harriet J.; Gold, Herman K.; Leinbach, Robert C.: alteration of the left ventricular pressure-volume relationship in man and its effect on the mitral echocardiographic early diastolic closure slope (ab), **126:** 842, 1978
—; Bloch, Antoine; Kaplan, Alan D.; Walker, Harriet J.; Chiotellis, Philip N.; Myers, Gordon S.: interobserver variability in echocardiography (ab), **126:** 556, 1978
Vikterlof, K.-J. See Hahn, P.
Villacin, Aquiles B. See Ahuja, Subash C.
Villagran, Jorge E.
—; Hobbs, Barry B.; Taylor, Kenneth W.: reduction of patient exposure by use of heavy elements as radiation filters in diagnostic radiology, **127:** 249, 1978
Villoria, Guillermo J. See Bhatt, Dilip R.
Vincent, Ronald G. See Jacobs, Lawrence
Vining, Donald. See Barkin, Jamie
Vining, Donald Q. See Post, M. Judith Donovan
Vint, Vinton C. See Resnick, Donald
Violante, M. R.
—; Thomson, K. R.; Fischer, H. W.; Kenyon, T.: ventricular fibrillation from diatrizoate with and without chelating agents, **128:** 497, 1978
Virdis, Raffaele
—; Drayer, Jan I. M.; Montoliu, Jesus; Levine, Lenore S.; Laragh, John H.: hypertension and medullary sponge kidneys in an adolescent with Beckwith-Wiedemann syndrome (ab), **128:** 570, 1978
Virtama, P. See Makela, P.
Vital, Cl. See Julien, J.
Vitale, Peter. See Pantoja, Enrique
Vix, Vernon A.
radiographic manifestations of broncholithiasis, **128:** 295, 1978
roentgenographic manifestations of pleural disease, (SR), **12:** 277, 1977
Vogel, H.
—; Scherer, K.; Eckert, P.; Vogel-Karl, B.: sonography and conventional roentgen diagnosis of postoperative local infections of the upper peritoneal cavity (ab), **127:** 569, 1978
Vogel, John M. See Merten, David F.
Vogel-Karl, B. See Vogel, H.
Vogelsand, H.
—; Stoppler, L.; Thiele, G.: fibrous dysplasia of the skull—roentgenologic, computer tomographic and scintigraphic study (ab), **128:** 851, 1978
von Hochstetter, A. R. See Roenspies, U.
Voss, Henrik. See Hedman, Per J. K.
Votteler, Theodore P. See Currarino, Guido
v.'t Laar, A. See Rosenbusch, G.
Vujic, Ivan. See Rittenberg, Gerald M.

W

Wachenheim, C. See van Damme, W.
Wackenheim, A.
little-known osseous malformation of the cervico-occipital region: fusion of the anterior arch of the atlas and the body of the axis (ab), **126:** 554, 1978
Wackenheim, C. See van Damme, W.
Waggener, Robert G. See Bell, John H.
Wagner, Henry N. See Baker, R. Robinson
Wagner, Jr., Henry N. See Alderson, Philip O.; Klingensmith, III, William C.; Menon, Shameen; Qureshi, Saeeda; Tsan, Min-Fu
Wagner, M. L. See Kass, J. B.
Wagner, Milton L. See Richardson, Miriam M.
Wagner, Richard. See Sty, John R.
Wagner, Robert. See Holt, Richard W.
Wahner, Heinz W. See Campbell, J. Keith; Nelson, Roger L.
—; Northcutt, Robert C.; Salassa, Robert M.: adrenal scanning: usefulness in adrenal hyperfunction (ab), **127:** 573, 1978
Wajsman, Z. See Winterberger, A. R.
Wakabayashi, T. See McGregor, D. H.
Wald, Robert W. See Sternberg, Leonard
Waldman, Robert S. See Jones, Stephen E.
Waldmann, D. See Mathias, K.
Walke, John S. See Dietrich, Peter A.
Walker, A. See Eddleston, B.
Walker, Anne. See Moores, B. Michael
Walker, Harriet J. See Vignola, Paul A.
Walker, Irwin. See Hull, Russell
Walker, John H.
giant papilloma of the thoracic esophagus, (AJR), **131:** 519, 1978
Walker, Paul. See Delgado, Gregorio
Wallace, S. See Jonsson, K.
Wallace, Sidney. See Anderson, James H.; Bernardino, Michael E.; deSantos, Luis Alonso; Granmayeh, Masood; Jonsson, Kjell; Lindell, Jr., Marvin M.
diagnosis and staging of cancer. a radiological approach (bk rev), **126:** 340, 1978
Walravens, M. See Dequeker, J.
Walsh, J.
—; Taylor, K. J. W.; Rosenfield, A. T.: gray scale ultrasonography in retroperitoneal lymphangiomyomatosis, (AJR), **129:** 1101, 1977
Walsh, J. F. See Williams, J. A. R.
Walsh, Patrick C. See Sanders, Roger C.
Walt, Alexander J. See Sugawa, Choichi
Walta, Douglas C. See Johnson, Lawrence F.
Walter, E.
—; Wolf, K. J.: contrast medium extravasation from the pelvicaliceal system during infusion pyelography (ab), **128:** 858, 1978
Walter, Joseph F. See Bookstein, Joseph J.; Cho, Kyung J.; Chuang, Vincent P.
—; Stanley, James C.; Mehigan, John T.; Reuter, Stewart R.; Guthaner, Diana F.: external iliac artery fibrodysplasia, (AJR), **131:** 125, 1978
—; Rottenberg, Robert W.; Cannon, Walter B.; Sheridan, Lenore A.; Pizzimenti, John; Orr, Jack T.: giant mediastinal lymph node hyperplasia (Castleman's disease): angiographic and clinical features, (AJR), **130:** 447, 1978
Walter, Kenneth E. See Fletcher, James W.
Waltman, Arthur C. See Athanasoulis, Christos A.; Baum, Stanley; Greenfield, Alan J.; Novelline, Robert A.
Waltman, Jr., Arthur C. See Ring, Ernest J.
Wang, C. C.
treatment of squamous cell carcinoma of the larynx by radiation, (RCNA), **16:** 209, 1978
Wann, L. S.
—; Weyman, Arthur E.; Feigenbaum, Harvey; Dillon, James C.; Johnston, K. W.; Eggleton, Reginald C.: determination of mitral valve area by cross-sectional echocardiography (ab), **129:** 572, 1978
Wann, Lee S. See Weyman, Arthur E.
—; Feigenbaum, Harvey; Weyman, Arthur E.; Dillon, James C.: cross-sectional echocardiographic detection of rheumatic mitral regurgitation (ab), **129:** 283, 1978
Wara, William M. See Fraser, Robert W.
—; Richards, Gail E.; Grumbach, Melvin M.; Kaplan, Selna L.; Sheline, Glenn E.; Conte, Felix A.: hypopituitarism after irradiation in children (ab), **126:** 846, 1978
Ward, Jonathan M.
—; Baker, Donald W.; Rubenstein, Simeon A.; Johnson, Steve L.: detection of aortic insufficiency by pulse Doppler echocardiography (ab), **126:** 842, 1978
Ware, James. See Henry, Walter L.
Warner, Robert A.
—; Bowser, Michael; Zuehlke, Stephen; Mookherjee, Sakti; Obeid, Anis I.: treatment of acute aortic insufficiency with sodium nitroferricyanide: documentation of beneficial effect by noninvasive means (ab), **126:** 840, 1978
Warren, W. Dean. See Sones, Jr., Peter J.
Warshaw, Andrew L. See Baum, Stanley
Wartofsky, Leonard. See Thrall, James H.
Washburn, Ronald L. See Silver, Terry M.
Watanabe, Hiroki. See Harada, Kuzuya
Watanabe, Katsushi. See Kishikawa, Takashi
Watson, Donald C. See Alderson, Philip O.
Watson, Evelyn E. See Nelson, Bill M.
Watson, Nat. See Thomas, John L.
Watson, P.
survey of radiation doses to patients in mammography (ab), **128:** 852, 1978
Watson, Robin C. See Fitzgerald, Patrick J.
Watt, E. See Watt, I.
Watt, I.
—; Watt, E.; Halliwell, M.; Ross, F. G. M.: sonographic demonstration of intrauterine contraceptive devices (ab), **128:** 284, 1978
Watt, Iain
—; Park, William M.: abdominal aorta in spina bifida cystica (ab), **129:** 566, 1978
Watts, Jr., Frederick B. See Ramos, Alvaro J.
Waugh, Robert A. See Brenner, Joel I.
Waxman, Alan D. See Siemsen, Jan K.
—; Beldon, John R.; Richli, William; Tanasescu, Doina E.; Siemsen, Jan K.: steroid-induced suppression of gallium uptake in tumors of the central nervous system: concise communication (ab), **129:** 285, 1978
Waxman, Marian. See Dallemand, Serge
Weaver, Donald. See Sugawa, Choichi
Weaver, K. See Wootton, P.
Weaver, Kenneth E.
—; Barone, Gregory J.; Fewell, Thomas R.: selection of technique factors for mobile capacitor energy storage x-ray equipment, **128:** 223, 1978
Weaver, Jr., Ralph M. See Goldstein, Harvey M.
—; Goldstein, Harvey M.; Green, Barry; Perkins, Carol: gray scale ultrasonographic evaluation of hepatic cystic disease, (AJR), **130:** 849, 1978
Webb, J. See Dalziell, H.
Webb, W. Richard. See Gamsu, Gordon; Rohlfing, Barbara M.
pleural tail sign, **127:** 309, 1978
—; Gamsu, Gordon; Rohlfing, Barbara M.; Thorburn, Kim; Kalifa, L. Gabriel; Amend, William J. C.; Roberts, Margaret; Salvatierra, Jr., Oscar: pulmonary complications of renal transplantation: survey of patients treated by low-dose immunosuppression, **126:** 1, 1978
Webber, Banice M. See Reinstein, Lawrence E.
Webber, Bruce. See Au, Francis C.
Weber, A. L.
—; Shortsleeve, Michael; Goodman, Max; Montgomery, William; Grillo, Hermes C.: cartilaginous tumors of the larynx and trachea, (RCNA), **16:** 261, 1978
—; Grillo, Hermes C.: tracheal stenosis: analysis of 151 cases, (RCNA), **16:** 291, 1978
—; Grillo, Hermes C.: tracheal tumors: radiological, clinical, and pathological evaluation of 84 cases, (RCNA), **16:** 227, 1978
Weber, Alfred L. See Kushner, David C.; Sprince, Nancy L.
Weber, David A.
computers in nuclear medicine: introductory concepts, (SNM), **8:** 107, 1978
Weber, Paul M. See Schor, Robert A.
Webster, Edward W. See Arnold, Ben A.
Wechsler, Richard J. See Carter, Barbara L.; Homer, Marc J.
Weeks, Paul M. See Gilula, Louis A.
Weens, H. Stephen. See Goldman, Martin L.
Weg, John G. See Neuhaus, Aron
Weigelt, John. See Thal, Erwin R.
Weil, P. See Turner, S. S.
Weiland, Louis H. See Strimlan, C. Vaughn
Weill, Francis
—; Eisencher, Albert; Zeltner, Francois: ultrasonic study of the normal and dilated biliary tree: "shotgun" sign, **127:** 221, 1978
Wein, Alan J. See Freiman, David B.
Weinberg, Arthur G. See Kirks, Donald R.
Weinberg, Neal. See Kroovand, R. Lawrence
Weinberg, Peter E. See Kim, Kwang S.
Weinberger, Gerald
—; Levinsohn, E. Mark: computed tomography in the evaluation of sarcomatous tumors of the thigh, (AJR), **130:** 115, 1978
Weiner, M. See Sample, W. Frederick
Weiner, Marvin. See Goldstein, Leonard I.
Weiner, Michael. See Ekstrom, Deborah; Henry, Walter L.
Weiner, Michael J.
myotonic megacolon in myotonic dystrophy, (AJR), **130:** 177, 1978
Weiner, Shelley N. See Older, Robert A.
Weinerth, John L. See Older, Robert A.

Weininger, J. See Lubin, E.
Weinrauch, Larry A.
—; McDonald, Daniel G.; DeSilva, Regis A.; Hawkins, Earl T.; Leland, Jr., O. Stevens; Shubrooks, Jr., Samuel J.: mitral valve prolapse in rheumatic mitral stenosis (ab), **127:** 572, 1978
Weinstein, Allan. See Haaga, John R.
Weinstein, D.
—; Aviad, Y.; Polishuk, W. Z.: hysterography before and after myomectomy, (AJR), **129:** 899, 1977
Weinstein, Donald S. See Steinfeld, Alan D.
Weinstein, Melvin P.
—; LaForce, F. Marc; Mangi, Richard J.; Quintiliani, Richard: non-pneumococcal Gram-positive coccal meningitis related to neurosurgery (ab), **128:** 277, 1978
Weinstein, Meredith A.
basilar artery ectasia demonstrated by computed tomography: reply (L), **126:** 530, 1978
—; Levine, Howard; Duchesneau, Paul M.; Tucker, Harvey M.: diagnosis of juvenile angiofibroma by computed tomography, **126:** 703, 1978
—; Lederman, Richard J.; Rothner, A. David; Duchesneau, Paul M.; Norman, David: interval computed tomography in multiple sclerosis, **129:** 689, 1978
Weisberg, Leon A.
—; Nice, Charles M.: intracranial tumors simulating the presentation of cerebrovascular syndromes: early detection with cerebral computed tomography (CCT) (ab), **127:** 276, 1978
Weisbrod, Gordon. See Rubenstein, Joel
Weisel, Arthur. See Spindola-Franco, Hugo
Weiss, Alan N. See Ruwitch, Joseph F.
Weiss, George H. See Chew, Evelyn
Weiss, James L. See Lappe, Donald L
Weiss, William
—; Seldman, Herbert; Boucot, Katherine: Philadelphia Pulmonary Neoplasm Research Project: symptoms in occult lung cancer (ab), **127:** 850, 1978
—; Boucot, Kathryn: prognosis of lung cancer originating as a round lesion: data from the Philadelphia Pulmonary Neoplasm Research Project (ab), **127:** 278, 1978
Weissberg, D. L.
—; Resnick, D.; Taylor, A.; Becker, M.; Alazraki, N.: rheumatoid arthritis and its variants: analysis of scintiphotographic, radiographic, and clinical examinations, (AJR), **131:** 665, 1978
Weissler, A. M. See Das, Gopal
Weissman, Barbara N.
—; Rappoport, Arnold S.; Sosman, J. Leland; Schur, Peter H.: radiographic findings in the hands in patients with systemic lupus erythematosus, **126:** 313, 1978
Weitemeyer, R. See Safrany, L.
Weitz, Raphael. See MacDonald, John T.
Welch, J. Philip. See Smith, Eldon R.
Welch, Michael J. See Miller, Tom R.
Welch, Robert B. See Fogle, Jerry A.
Welkowsky, Murray. See Muntz, E. Phillip
Wellenstein, David E. See Rosenblum, Lawrence J.
Wellings, S. Robert
—; Wolfe, John N.: correlative studies of the histological and radiographic appearance of the breast parenchyma, **129:** 299, 1978
Wellman, Henry N. See Hulvat, Gerald F.
Wells, I. P. See Woodhouse, N. J. Y.
Wells, Stanley. See Himmelfarb, Elliott
Weltz, Martin D. See Harris, Jr., John M.
Wende, S. See Steinhoff, H.
—; Aulich, A.; Nover, A.; Lanksch, W.; Kazner, E.; Steinoff, H.; Meese, W.; Lange, S.; Grumme, T.: computed tomography of orbital lesions: cooperative study of 210 cases (ab), **127:** 559, 1978
Wendling, Lyle. See Bolender, Nicole
Wendling, Lyle R.
intracranial venous sinus thrombosis: diagnosis suggested by computed tomography, (AJR), **130:** 978, 1978
Wendth, Arthur J. See Pantoja, Enrique
—; Ryan, Robert M.; Jones, Robert: simple eye protection shield for special procedures, **129:** 818, 1978
Wenger, Dennis R.
—; Bobechko, Walter P.; Gilday, David L.: spectrum of intervertebral disc-space infection in children (ab), **128:** 856, 1978
Wepfer, Joseph F.
—; Boex, Robert M.: mesonephric duct remnants (Gartner's duct), (AJR), **131:** 499, 1978
Wery, Ray. See Dworkin, Howard J.
Wescott, William B.
—; Mira, Joaquin G.; Starcke, Edgar N.; Shannon, Ira L.; Thornby, John I.: alterations in whole saliva flow rate induced by fractionated radiotherapy, (AJR), **130:** 145, 1978
Wesenberg, Richard L. See Brooks, John G.; Rossi, Raymond P.
—; Rumack, Carol M.; Shikes, Robert H.: decline and early fall of neonatal pulmonary hemorrhage (ab), **127:** 277, 1978
West, Clark D. See Iitaka, Kikuo
Westcott, Jack L.
—; Rudick, Marilyn Goske: cardiopulmonary effects of intravenous fluid overload: radiologic manifestations, **129:** 577, 1978
Westerberg, Helena
—; Nordenskjold, B.; De Schryver, A.; Notter, G.: anti-oestrogen therapy of advanced mammary carcinoma (ab), **126:** 284, 1978
Weston, W. J.
extrasynovial and capsular fat pads on the posterior aspect of the knee joint (ab), **127:** 281, 1978
Wetmore, Stephen J.
—; Patz, Charles E.: idiopathic midface lesions (ab), **129:** 851, 1978
Wexler, Howard A.
—; Poole, Catherine A.; Fojaco, Rita M.: association of Wilms' tumor with second primary malignancies (ab), **127:** 283, 1978
—; Valdes, Dapena, Marie: congenital cystic adenomatoid malformation: report of three unusual cases, **126:** 737, 1978
persistent loop sign in neonatal necrotizing enterocolitis: a new indication for surgical intervention? **126:** 201, 1978
Wexler, Paul
—; Gottesfield, Kenneth R.: second trimester placenta previa: apparent normal placentation (ab), **128:** 574, 1978
Weyman, Arthur E. See Wann, L. S.; Wann, Lee S.
—; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie: cross-sectional echocardiographic visualization of the stenotic pulmonary valve (ab), **127:** 285, 1978
—; Caldwell, Randall L.; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie: cross-sectional echocardiographic characterization of aortic obstruction. 1. subravalvular aortic stenosis and aortic hypoplasia (ab), **128:** 281, 1978
—; Caldwell, Randall L.; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie: cross-sectional echocardiographic detection of aortic obstruction. 2. coarctation of the aorta (ab), **128:** 281, 1978
—; Rankin, Robert; King, Harold: Loeffler's endocarditis presenting as mitral and tricuspid stenosis (ab), **126:** 841, 1978
—; Heger, James J.; Kronik, Gerhard; Wann, Lee S.; Dillon, James C.; Feigenbaum, Harvey: mechanism of paradoxical early diastolic septal motion in patients with mitral stenosis: cross-sectional echocardiographic study (ab), **127:** 286, 1978
Whalen, Joseph P. See Kazam, Elias; Kleinman, Paul K.
Whaley, Robert A. See Susac, John O.
Wharton, J. Taylor. See Landgren, Robert D.
Whisnant, Joseph D.
—; Litvak, Austin S.; McRoberts, J. William: ureteroileocancerous backflow: diagnostic radiographic sign for metastatic carcinoma (ab), **127:** 283, 1978
White, Arthur C. See Kauffman, Carol A.
White, Eric A. See Rohlfing, Barbara M.
White, Harvey. See Ramilo, Jose; Rogers, Lee F.
White, Joel. See Moore, Terence N.
White, Jr., Robert I. See Barth, Klemens H.; Harrington, Donald P.; Kaufman, Stephen L.; Udoff, Eric J.
—; Ursic, Thomas A.; Kaufman, Stephen L.; Barth, Klemens H.; Kim, Won; Gross, Gary S.: therapeutic embolization with detachable balloons: physical factors influencing permanent occlusion, **126:** 521, 1978
Whitehouse, Graham H. See Griffiths, Glaslyn J.
Whitington, Peter F.
—; Shermeta, Dennis W.; Seto, Dexter S. Y.; Jones, Linda; Hendrix, Thomas R.: role of lower esophageal sphincter incompetence in recurrent pneumonia after repair of esophageal atresia (ab), **127:** 850, 1978
Whitley, Nancy O.
—; Cunningham, Jerome J.: angiographic and echographic findings in avascular focal nodular hyperplasia of liver, (AJR), **130:** 777, 1978
Whitlock, Ralph M. L. See Partridge, John B.
Whitmore, Jr., W. F.
—; Batata, M. A.; Hilaris, B. S.; Reddy, G. N.; Unal, A.; Choneim, M. A.; Grabstald, H.; Chu, F.: comparative study of two preoperative radiation regimens with cystectomy for bladder cancer (ab), **126:** 845, 1978
Whitney, B. P. See Behan, M.
Whittaker, James Q. See Buckley, Bernardine H.
Wholey, Mark H. See Chamorro, Hector
Whyte, Michael P.
—; Murphy, William A.; Siegel, Barry A.: ^{99m}Tc-pyrophosphate bone imaging in osteopoikilosis, osteopathia striata, and melorheostosis, **127:** 439, 1978
Wickenden, John W. See Giustra, Peter E.
Wickenden, Roger W. See Giustra, Peter E.
Wickremasinghe, Himansu R.
—; Peiris, Jayantha B.; Thenabadu, Pujitha N.; Sheriffdeen, Abdula H.: transient emboligenic aortoarteritis: noteworthy new entity in young patients (ab), **129:** 560, 1978
Wicks, Jeffrey D.
—; Silver, Terry M.; Bree, Robert L.: giant cystic abdominal masses in children and adolescents: ultrasonic differential diagnosis, (AJR), **130:** 853, 1978
Widrich, Warren C.
—; Robbins, Alan H.; Goldstein, Susan A.; Singer, Robert J.: adjuvant intra-arterial lidocaine in aortofemoral arteriography: some further observations, **129:** 371, 1978
—; Robbins, Alan H.; Nabseth, Donald C.; Johnson, Willard C.; Goldstein, Susan A.: pitfalls of transhepatic portal venography and therapeutic coronary vein occlusion, (AJR), **131:** 637, 1978
Wieder, James F. See Greenes, Robert A.
Wiegmann, T.
—; Rosenthall, L.; Kay, M.: technetium-99m-pyrosphosphate bone scans in hyperparathyroidism (ab), **127:** 286, 1978
Wieland, Donald M. See Beierwaltes, William H.
Wiener, Stanley L. See Pillari, George
Wiener, Stephen N.
—; Sachs, Sidney H.: assessment of routine liver scanning in patients with breast cancer (ab), **127:** 860, 1978
Wiernik, G.
—; Bleehen, N. M.; Brindle, J.; Bullimore, J.; Churchill-Davidson, I. F. J.; Davidson, J.; Fowler, J. F.; Francis, P.: sixth interim progress report of the British Institute of Radiology fractionation study of 3F-week versus 5F-week in radiotherapy of the laryngo-pharynx (ab), **129:** 286, 1978
Wigger, H. Joachim. See Moessinger, Adrien C.
Wiggli, Urs
—; Benz, Ulrich F.: normal computed tomography anatomy of the suprasellar subarachnoid space, **128:** 65, 1978
Wigh, Russell E.
—; McDowell, L. Jane: duodenal barium aggregates from carcinoma of the pancreas (ab), **127:** 564, 1978
Wigle, E. Douglas. See Henderson, Robert D.
Wignall, B. K. See de Lacey, G. J.
Wilkie, Ross C. See Wolfe, John N.
Wilkins, Robert H. See Bank, William O.
Wilkinson, E.
—; Clopton, C.; Gordonson, J.; Green, R.; Hill, A.; Pike M. C.: mammographic parenchymal pattern and the risk of breast cancer (ab), **126:** 549, 1978
Wilkinson, Evelyn. See Muntz, E. Phillip
Wilkinson, R. W. See Sutherland, L. R.
Wilkinson, Robert H. See Cleveland, Robert H.
Willard, James W. See Resnick, Martin I.
Willen, R. See Lindgren, P. G.
Willerson, James T. See Gaffney, Francis A.; Kulkarni, Padmakar V.
Willey, B. See Olweny, C. L. M.
Williams, Alan L. See Eldevik, O. Petter; Haughton, Victor M.
Williams, Bernard. See McMillan, James J.
Williams, Charles H.
—; Van Bergen, William S.; Prentice, Robert L.: extra-amniotic blood clot simulating placenta previa on ultrasound scan (ab), **126:** 844, 1978
Williams, Constance M. See Bini, Roberta M.; Blackwood, R. Andrew
Williams, David E. See Hirschklau, Michael J.
Williams, David L. See Hamilton, Glen W.
Williams, Edward H.
—; Tyers, G. Frank O.; Shaffer, Carolyn Wine: symptomatic deep venous thrombosis of the arm associated with permanent transvenous pacing electrodes (ab), **128:** 853, 1978
Williams, J. A. R.
—; Baker, R. J.; Walsh, J. F.; Marion, M. A.: role of biliary scanning in the investigation of the surgically jaundiced patient (ab), **126:** 286, 1978
Williams, R. Gayle
—; Bragg, David G.; Nelson, James A.: gossypiboma—the problem of the retained surgical sponge, **129:** 323, 1978

—; Nelson, James A.: retractile mesenteritis: initial presentation as colonic obstruction, **126:** 35, 1978
Williams, R. M. See Jones, B. J.
Williams, Roger. See Cochrane, A. M. G.
Williamson, Brian R. J. See Lees, Richard F.
Williamson, Jr., Byrn. See Hattery, Robert R.; Sheedy, II, Patrick F.; Stephens, David H.
—; Hattery, Robert R.; Stephens, David H.; Sheedy, II, Patrick F.: computed tomography of the kidneys, (SR), **13:** 249, 1978
Williamson, Daryl. See Burke, Erwin L.
Williamson, Jeffrey. See Sewchand, Wilfred
Williamson, Joseph R. See Fleg, Jerome L.
Williamson, Robin A. See Rowen, Marshall
Willich, E. See Oppermann, H. C.
—; Fuhr, U.; Kroll, W.: skeletal changes in Down's syndrome. correlation of roentgenologic and cytogenetic findings (ab), **126:** 554, 1978
Willnow, U.
morphology of the small bowel in atresia and stenosis (ab), **126:** 277, 1978
Wills, John S. See Pollack, Howard M.
—; Diznoff, S. Barry: modified technique for needle localization in arthrography of the shoulder, **128:** 830, 1978
Wilske, Jochen. See Buell, Udalrich; Kasner, Ekkehard
Wilson, Charles. See Enzmann, Dieter R.
Wilson, Charles B. See Domingue, James N.; Mavroudis, Constantine
—; Demsey, Lawrence C.: transsphenoidal microsurgical removal of 250 pituitary adenomas (ab), **129:** 275, 1978
Wilson, Charles R. See Foley, W. Dennis
Wilson, D. See Chandraratna, P. A. N.
Wilson, Don A.
—; Stacy, Teresa M.; Smith, E. Ide: ultrasound diagnosis of hydrocolpos and hydrometrocolpos, **128:** 451, 1978
Wilson, Edwina E. See Brascho, Donn J.
Wilson, Gabriel. See Bentson, John
Wilson, J. Frank. See Cox, James D.
Wilson, III, James E. See Bynum, Lincoln J.; Kulkarni, Padmakar V.
Wilson, John S.
—; Korobkin, Melvyn; Genant, Harry K.; Bovill, Jr., Edwin G.: computed tomography of musculoskeletal disorders, (AJR), **131:** 55, 1978
—; Genant, Harry K.; Hattner, Robert S.; Hoffer, Paul B.: ratio of late to early radionuclide uptake: method for distinguishing osteoporosis from osteomalacia in animal models, **126:** 185, 1978
Wilson, L. A.
—; Russell, R. W. Ross: amaurosis fugax and carotid artery disease: indications for angiography (ab), **127:** 276, 1978
Wilson, Robert. See Rogers, William F.
Wilson, Robert L.
—; Shaub, Michael S.; Cetrulo, Curtis J.: antepartum findings of conjoined twins (ab), **126:** 844, 1978
Winawer, Sidney J. See Fitzgerald, Patrick J.
Wind, Edward S. See Pillari, George
Winer, Howard
—; Kronzon, Itzhak; Glassman, Ephraim: echocardiographic findings in severe paradoxical pulse due to pulmonary embolization (ab), **127:** 285, 1978
Winer, Howard E. See Koch, Paul C.
Winestock, David P. See Barnes, Barbara D.
Wing, Jennifer P.
—; Findley, William A.; Sahn, David J.; McDonald, Gail; Allen, Hugh D.; Goldberg, Stanley J.: serial echocardiographic profiles in infants and children with coarctation of the aorta (ab), **129:** 284, 1978
Wing, Robert W. See Wing, S. Douglas
Wing, S. Douglas. See Norman, David; Osborn, Anne G.
—; Osborn, Anne G.; Wing, Robert W.: vertex scan: important component of cranial computed tomography, (AJR), **130:** 765, 1978
Wingert, Willis A. See Lewin, George A.
Winn, Washington. See Dee, Paul
Winn, Jr., Washington C. See Suratt, Paul M.
Winsberg, Fred
ultrasonic techniques in angiology: standardization of cardio-angiological methods (bk rev), **128:** 176, 1978
Winston, Ken R. See Arkins, Thomas J.
Winston, M. A.
—; Pritchard, J.; Paulin, Peter: ultrasonography in the management of unexplained renal failure (ab), **129:** 861, 1978
—; Handler, S. J.; Pritchard, J. H.: ultrasonography of the testis—correlation with radiotracer perfusion (ab), **129:** 575, 1978
Winter, H.
—; Schreyer, H.: arterio-venous malformations of the dura (ab), **127:** 843, 1978
Winter, James. See Bentson, John; Mink, Jerrold H.
efficiency of utilization of a computed tomography scanner, (AJR), **131:** 89, 1978
Winterberger, A. R.
—; Wajsman, Z.; Merrin, C.; Murphy, G. P.: eight years of experience with preoperative angiographic and lymphographic staging of bladder cancer (ab), **128:** 569, 1978
Winterscheid, Loren C. See Hall, Ronald R.
Wirtanen, George. See Narsete, Thomas
Wirtanen, George W. See Kademian, Michael T.
Wisse, E. See Thesingh, C. W.
Wistow, Brian W.
—; Subramanian, Gopal; Gagne, George M.; Henderson, Robert W.; McAfee, John G.; Hall, Robert C.; Grossman, Zachary D.: experimental and clinical trials of new ^{99m}Tc-labeled hepatobiliary agents, **128:** 793, 1978
Witcofski, Richard L.
—; Kremkau, Frederick W.: ultrasonic enhancement of cancer radiotherapy, **127:** 793, 1978
Witcombe, J. B. See Allan, D. M.
Withers, H. R. See Dubravsky, N. B.
Witte, Charles L. See Pond, Gerald D.
Witten, David M. See Dye, Larry E.
Wittenberg, Jack. See Ferrucci, Jr., Joseph T.; Kirkpatrick, Robert H.
—; Fineberg, Harvey V.; Black, Edward B.; Kirkpatrick, Rob H.; Schaffer, Derace L.; Ikeda, Margaret K.; Ferrucci, Jr., Joseph T.: clinical efficacy of computed body tomography, (AJR), **131:** 5, 1978
Wittes, Robert E.
—; Yeh, Samuel D. J.: indications for liver and brain scans: screening tests for patients with oat cell carcinoma of the lung (ab), **127:** 573, 1978
—; Hopfan, Seymour; Hilaris, Basil; Golbey, Robert B.; Melamed, Myron; Martini, Nael: oat cell carcinoma of the lung: combination treatment with radiotherapy and cyclophosphamide, adriamycin, vincristine, and methotrexate (ab), **126:** 558, 1978
Wittrin, G. See Safrany, L.
Witztum, Kathryn F. See Fletcher, James W.
Wixson, David. See Martin, Eric C.
Wochos, John F.
—; Fullerton, Gary D.; DeWerd, Larry A.: mailed thermoluminescent dosimeter determination of entrance skin exposure and half-value layer in mammography, (AJR), **131:** 617, 1978
Woerner, Sarah. See Pratt, Charles B.
Wohl, Armand J. See Gaffney, Francis A.
Wohl, Mary Ellen B.
—; Griscom, N. Thorne; Strieder, Denise J.; Schuster, Samuel R.; Treves, Salvador; Zwerdling, Robert G.: lung following repair of congenital diaphragmatic hernia (ab), **126:** 276, 1978
Wojtowicz, J.
—; Karwowski, A.: cholangiographic appearance of the intrahepatic bile ducts (ab), **127:** 564, 1978
Wolf, Bernard S. See Som, Peter M.; Yeh, Hsu-Chong
Wolf, Gerald L.
—; Kraft, Linda; Kitzer, Karen: contrast agents lower ventricular fibrillation threshold, **129:** 215, 1978
—; Langer, Alois A.; Shaw, David D.; Baltaxe, Harold A.: distinguishing ischemic from fibrotic myocardium during ventriculography by means of physiological potentiation, **126:** 821, 1978
Wolf, K. J. See Walter, E.
Wolfberg, William. See Narsete, Thomas
Wolfe, Daniel E. See Barbaric, Zoran L.
Wolfe, John N. See Wellings, S. Robert
—; Wilkie, Ross C.: breast pattern classification and observer error, **127:** 343, 1978
mammography: technique. diagnosis. differential diagnosis (bk rev), **126:** 372, 1978
Wolff, D. See Minh, V. Tran
Wolff, J. M. See Henke, C. E.
Wolff, Marianne. See Casarella, William J.; Ellis, Kent
Wolff, Sheldon M. See Maguire, Roderick; Vermess, Michael
Wolfson, Sorrell L. See Swank, Ralph L.
Wollin, Myron
—; Kagan, A. Robert: increased skin dose using a mylar section in the treatment couch during megavoltage irradiation, **127:** 265, 1978
Wolpert, Samuel M.
—; Scott, R. Michael; Carter, Barbara L.: computed tomography in spinal dysraphism (ab), **126:** 836, 1978
computed tomography of the skull base in the coronal plane (ab), **128:** 849, 1978
Wolter, J. Reimer
—; Roosenberg, Robert R.: ectopic lymph node of the orbit simulating a lacrimal gland tumor (ab), **128:** 851, 1978
Wong, Bert Y. S.
—; Bogart, Douglas B.; Dunn, Marvin I.: echocardiographic features of an aneurysm of the left sinus of valsalva (ab), **127:** 859, 1978
Wong, K. Y. See Iacuone, John J.
Woo, Byung Hyuck. See Chew, Qwie T.
Wood, Betty J. See Rowen, Marshall
Wood, Beverly P.
—; Katzberg, Richard W.; Ryan, Daniel H.; Karch, Fred E.: diatrizoate enemas: facts and fallacies of colonic toxicity, **126:** 441, 1978
—; Katzberg, Richard W.: Tween 80/diatrizoate enemas in bowel obstruction, (AJR), **130:** 747, 1978
Wood, James B. See Buntain, William L.
Wood, Thomas E. See Lesk, David M.
Woodard, Helen Q. See Kim, Jae Ho
Woodhouse, N. J. Y.
—; Chalmers, A. H.; Wells, I. P.; Dewbury, K. C.; Mohamedally, S. M.: Paget's disease. radiological changes occurring in untreated patients and those on therapy with salmon calcitonin during two years' observation (ab), **128:** 856, 1978
Woodlief, Ray M.
superior marginal rib defects in traumatic quadriplegia, **126:** 673, 1978
Woodruff, Ayn. See Calenoff, Leonid
Woods, John E. See Hodgkinson, Darryl J.
Woodward, S. See Daneman, A.
Wooley, Charles F. See Evans, William E.
Woolfenden, James. See Hammond, Neel
Woolley, Morton M. See Buntain, William L.
Wooten, Wayne B. See deSantos, Luis Alonso
—; Green, Barry; Goldstein, Harvey M.: ultrasonography of necrotic hepatic metastases, **128:** 447, 1978
Wootton, P.
—; Weaver, K.; Eenmaa, J.: treatment planning for neutron radiation therapy (ab), **129:** 288, 1978
Wortzman, George. See Fitz, Charles R.; Holgate, Richard C.
—; Holgate, Richard C.; Sokjer, Hannibal; Noyek, Arnold M.: role of CT scanning in the diagnosis of acoustic neuromas (ab), **127:** 842, 1978
Wright, Carl H. See Maklad, Nabil F.
Wright, Jr., Harry T. See Adler, Robert
Wrightson, Philip
conservative removal of small pituitary tumours: is it justified by the pathological findings? (ab), **129:** 273, 1978
Wu, Hai P. See Partain, C. Leon
Wu, Raymond K. See Galkin, Benjamin M.
Wu, Shuh-Min
—; Spurny, Otto M.; Klotz, Arthur P.: Budd-Chiari syndrome after taking oral contraceptives: case report and review of 14 reported cases (ab), **127:** 284, 1978
Wyckoff, Harold O.
ICRU and ICRP activities are important to radiologists and allied scientists (opin), **129:** 537, 1978
international system of units (SI) (edit), **128:** 833, 1978
report from the International Commission on Radiation Units and Measurements (edit), **127:** 549, 1978
Wyker, Jr., Arthur W. See Tegtmeyer, Charles J.
Wyman, Michael L.
—; Kuhns, Lawrence R.: lobar opacification of the lung after tracheal extubation in neonates (ab), **127:** 277, 1978
Wyman, Stanley M.
Henry P. Pendergrass, A.B., M.P.H., M.D., president, Radiological Society of North America (edit), **126:** 531, 1978

Y

Yabek, Steven M. See Bhatt, Dilip R.
Yaffe, M. See Johns, H. E.
Yaghmai, Issa
angiographic features of osteosarcoma, (AJR), **129:** 1073, 1977
angiographic manifestations of soft-tissue and osseous hemangiopericytomas, **126:** 653, 1978

intra- and extraosseous xanthomata associated with hyperlipidemia, **128:** 49, 1978
Yamada, Osamu. See Asari, Syoji
Yamashita, Junkoh
—; Asato, Renin; Handa, Hajime; Nakao, Satoshi; Ogata, Masahiro: abducens nerve palsy as initial symptom of trigeminal schwannoma (ab), **129:** 273, 1978
Yamauchi, Terry. See Cockrill, Jr., H. Howard
Yamazaki, Toshio. See Hisada, Kinichi
Yanagisawa, Eiji
—; Kundargi, Stanley S.; Smith, Howard W.: rhinocerebral phycomycosis (ab), **128:** 560, 1978
Yang, Shirley L. See Kl ·gensmith, III, William C.
Yang, Shirley S. L.
—; Nickoloff, Eileen L.; McIntyre, Patricia A.; Maddrey, Willis C.; Mikesell, Helen H.; Scheffel, Ursula; Kasecamp, Wayne; MacAllister, Niall P.: Tc-99m human serum albumin: suitable agent for plasma volume measurements in man (ab), **129:** 575, 1978
Yasargil, M. Gazy. See Friede, R. L.
—; Gasser, J. C.; Hodosh, R. M.; Rankin, T. V.: carotid-ophthalmic aneurysms: direct microsurgical approach (ab), **126:** 831, 1978
Yasillo, Nicholas J. See Turner, David A.
Yaw, Peter B. See Guest, James A.
Yeager, Vernon. See Archer, Carol R.
Yee, Henry. See Hamilton, Glen W.
Yeh, En-Lin
—; Kronenwetter, Charles; Meade, Robert C.; Ruetz, Philip P.: technical considerations in B-mode scanning with an aspiration transducer, **129:** 527, 1978
Yeh, Hsu-Chong
—; Wolf, Bernard S.: simple portable water bath for superficial ultrasonography, (AJR), **130:** 275, 1978
—; Wolf, Bernard S.: ultrasonic contrast study to identify stomach tap water microbubbles (ab), **126:** 843, 1978
—; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester: ultrasonography of adrenal masses: usual features, **127:** 467, 1978
—; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester: ultrasonography of adrenal masses: unusual manifestations, **127:** 475, 1978
Yeh, S. D. J. See Garcia, Antonio C.
Yeh, Samuel D. J. See Turbiner, Elliott H.; Wittes, Robert E.
Yeh, Samuel D. J.
—; Garcia, A.; Benua, R. S.: abnormal radiocolloid and MAA uptake by the liver in superior vena caval obstruction (ab), **127:** 574, 1978
Yeung, Kai-Yiu
—; Bonnet, John D.: bronchogenic carcinoma presenting as spontaneous pneumothorax: case report with review of literature (ab), **126:** 275, 1978
Yigitbasi, O.
—; Sari, S.; Kilicioglу, B.; Nalbantgil, I.: electrocardiographic changes occurring during barium enema: protective action of beta blockers (ab), **128:** 858, 1978
Yigitbasi, Omer. See Nalbantgil, Istemi
Yoder, Frank W. See Brumback, Roger A.; Dunnick, N. Reed
Yoder, I. C. See Mitchell, M. E.
Yoder, Isabel C. See Potsaid, Majic S.
—; Pfister, Richard C.: radiology of colon loop diversion: anatomical and urodynamic studies of the conduit and ureters in children and adults, **127:** 85, 1978
Yonehiro, Earl G. See Probst, Peter
Yonekura, Yoshiharu. See Ishii, Yasushi
Yoshida, Osamu. See Kawamura, Juichi
Yoshioka, Yukio. See Matsumoto, Masayuki
Youmans, Julian R. See French, Barry N.; Sivalingam, Selvadural
Young, Graeme Bruce
peripatetic placenta, **128:** 183, 1978
Young, John A. See Shevland, John E.
Young, Lionel W. See Dominguez, Rodrigo; Fujioka, Mutsuhisa
Young, Norman. See Cacciarelli, Alexander A.; Emanuel, Benjamin
Young, R. G.
—; Carlton, W. H.: x-ray attenuation by prescription lenses, **129:** 811, 1978
Young, Sue Ellen. See Bernardino, Michael E.; Maor, Moshe
Yousefzadeh, David K.
—; Jackson, Jr., Joseph H.: lipohemarthrosis of the elbow joint, **128:** 643, 1978
Yrizarry, Jose. See Nunez, Jr., Diego; Russell, Edward
Yu, Terry. See Beierwaltes, William H.
Yu, Woon Sang. See Chung, Chung T.
Yu, Young W. See Colton, Raymond H.
Yuan, Robert H. See Sonntag, Volker K. H.
Yudelev, Mark. See Tatcher, Morris
Yulish, Barry S. See Fletcher, Barry D.

Z

Zacks, David J.
multiple intracranial aneurysms, (AJR), **130:** 180, 1978
Zakem, James F. See Kaufman, Robert A.
Zalish, M. See Chemke, J.
Zaman, Muhammad B. See Flehinger, Betty J.
Zampieri, P. See Salar, G.
Zanetti, E.
—; Ferrari, Liliana R.; Rossi, G.: classification and radiographic features of uterine malformations: histerosalpingographic study (ab), **129:** 281, 1978
Zaret, Barry L. See Berger, Harvey J.
Zboralske, F. Frank
—; Stargardter, Frederick L.; Harell, George S.: profile roentgenographic features of benign greater curvature ulcers, **127:** 63, 1978
Zeal, Arnold A.
—; Rhoton, Jr., Albert L.: microsurgical anatomy of the posterior cerebral artery (ab), **129:** 273, 1978
Zegel, Harry. See Edell, Steven
Zegel, Harry G.
—; Laufer, Igor: filiform polyposis, **127:** 615, 1978
Zeis, Petros M. See Aschinberg, Lorenzo C.
Zelch, Margaret. See Lalli, Anthony F.
Zeltner, Francois. See Weill, Francis
Zeman, Gary H.
—; Osterman, Jr., Floyd A.; Rao, Gopala; Kirk, Barbara G.; James, Jr., A. Everette: xeromammographic automatic exposure termination, **126:** 117, 1978
Zeman, Robert K. See Ryerson, Thomas W.
Zemlyn, Seymour
effect of the urinary bladder in obstetrical sonography, **128:** 169, 1978
Zilch, H.
traumatic atlanto-occipital dislocation (ab), **127:** 281, 1978
Zilkha, E.
—; Kendall, B. E.; Loh, L.; Hayward, R.; Radue, E. W.; Ingram, G. S.: diagnosis of subdural haematoma by computed axial tomography: use of xenon inhalation for contrast enhancement (ab), **129:** 557, 1978
Zillhardt, H. W. See Tjhen, K. Y.
Zimmer, A. Michael. See Pavel, Dan G.
—; Pavel, Dan G.: experimental investigations of the possible cause of liver appearance during bone scanning, **126:** 813, 1978
Zimmer, Jerald. See Lee, Benjamin C. P.
Zimmerman, A. W.
—; Kumar, A. J.; Gadoth, N.; Hodges, III, F. J.: traumatic vertebrobasilar occlusive disease in childhood (ab), **129:** 568, 1978
Zimmerman, J. Milton. See Sostre, Samuel
Zimmerman, Robert A. See Dolinskas, Carol A.; Kinney, Thomas R.
—; Bilaniuk, Larissa T.; Bruno, Leonard; Rosenstock, Jeffrey: computed tomography of cerebellar astrocytoma, (AJR), **130:** 929, 1978
—; Bilaniuk, Larissa T.; Bruce, Derek; Dolinskas, Carol; Obrist, Walter; Kuhl, David: computed tomography of pediatric head trauma: acute general cerebral swelling, **126:** 403, 1978
—; Bilaniuk, Larissa T.; Genneralli, Thomas: computed tomography of shearing injuries of the cerebral white matter, **127:** 393, 1978
—; Bilaniuk, Larissa T.; Gallo, Eduardo: computed tomography of the trapped fourth ventricle, (AJR), **130:** 503, 1978
—; Bilaniuk, Larissa T.: computed tomography of vertebrobasilar artery aneurysm (ab), **128:** 849, 1978
—; Bilaniuk, Larissa T.; Genarelli, Thomas: Bruce, Derek; Dolinskas, Carol; Uzzell, Barbara: cranial computed tomography in diagnosis and management of acute head trauma, (AJR), **131:** 27, 1978
—; Bilaniuk, Larissa T.; Pahlajani, Hiro: spectrum of medulloblastomas demonstrated by computed tomography, **126:** 137, 1978
Zinner, Norman R. See Datta, Nand S.
Ziter, Fred. See Aita, John F.
Zonana, Jonathan. See Romeo, Giovanni
Zoneraich, Olga. See Zoneraich, Samuel
Zoneraich, Samuel
—; Zoneraich, Olga; Rhee, Jai J.: echocardiographic evaluation of septal motion in patients with artificcial pacemakers: vectorcardiographic correlations (ab), **128:** 572, 1978
Zornoza, Jesus. See Libshitz, Herman I.; Twiford, Thomas W.
Zuberbuhler, J. R. See Park, Sang C.
Zuehlke, Stephen. See Warner, Robert A.
Zvaifler, Nathan J. See MacDonald, Jr., William J.
Zwahlen, Andre
—; Garcia, Jean: radiological appearance of secondary hyperthyroidism in chronic renal insufficiency (ab), **126:** 555, 1978
Zwerdling, Robert G. See Wohl, Mary Ellen B.
Zyb, A. F. See Drosdovskij, B. J.

Volumes 126–129 January–December, 1978

SUBJECT INDEX

A

Aase syndrome
See Anemia; Familial conditions
Abdomen
See also Abdominal angiography; Ascites; Herniography; Pelvis; Peritoneum; Retroperitoneal space; under names of diseases and organs, as Adrenals
Abdomen, abnormalities
intrauterine diagnosis of omphalocele, Roberts, Cameron, **127:** 762, 1978
prenatal ultrasonographic diagnosis of fetal gastroschisis, Giulian, Bertrand B.; Alvear, Domingo T., **129:** 473, 1978
pulmonary complications associated with prune-belly syndrome, Alford, Bennett A.; Peoples, W. M.; Resnick, Jack S.; L'Heureux, Philippe R., **129:** 401, 1978
renal malposition associated with omphalocele, Pinckney, Lee E.; Moskowitz, Peter S.; Lebowitz, Robert L.; Fritzsche, Peggy, **129:** 677, 1978
Abdomen, abscess
ultrasonographic appearance of gas-containing abscesses in the abdomen, Kressel, Herbert Y.; Filly, Roy A., (AJR), **130:** 71, 1978
Abdomen, acute conditions
radiologic evaluation of acute abdominal pain arising from the alimentary tract, Kelvin, Frederick M.; Rice, Reed P., (RCNA), **16:** 25, 1978
Abdomen, biopsy
fluoroscopically guided thin needle aspiration biopsy of the abdomen and retroperitoneum, Pereiras, Raul V.; Meiers, Walter; Kunhardt, Bolivar; Troner, Michael; Hutson, Duane; Barkin, Jamie S.; Viamonte, Manuel, (AJR), **131:** 197, 1978
Abdomen, calcification
calcified intraluminal meconium in a female infant with imperforate anus, Selke, Jr., Albert C.; Cowley, Claire Ellen, (AJR), **130:** 786, 1978
intraluminal calcifications in the small bowel of newborn infants with total colonic aganglionosis, Fletcher, Barry D.; Yulish, Barry S., **126:** 451, 1978
Abdomen, computed tomography
See Computed tomography, abdomen
Abdomen, cysts
abdominal CSF pseudocyst secondary to ventriculoperitoneal shunt: diagnosis by computed tomography in two cases (ab), Chuang, Vincent P.; Fried, Andrew M.; Oliff, Michael; Ellis, Guy T.; Sachatello, Charles R., **127:** 854, 1978
giant cystic abdominal masses in children and adolescents: ultrasonic differential diagnosis, Wicks, Jeffrey D.; Silver, Terry M.; Bree, Robert L., (AJR), **130:** 853, 1978
ultrasound diagnosis of cerebrospinal fluid abdominal cyst, Lee, Timothy G.; Parsons, Paul M., **127:** 220, 1978
Abdomen, hematoma
See Abdomen, hemorrhage
Abdomen, hemorrhage
perforation of the peritoneum and intra-abdominal hemorrhage: complication of umbilical vein catheterizations (ab), Kanto, Jr., William P.; Parrish, Jr., Robert A., **128:** 274, 1978
Abdomen, infection
complementary role of gallium citrate imaging and computed tomography in the evaluation of suspected abdominal infection (ab), Shimshak, Robert R.; Korobkin, Melvyn; Hoffer, Paul B.; Schor, Robert; Hill, Thomas C.; Kressell, Herbert Y., **128:** 575, 1978
Abdomen, injuries
liver-spleen imaging for trauma—revisited (ab), Carter, Robert; Sambhi, Rajinder P., **127:** 574, 1978
radionuclide scan findings in delayed splenic rupture, Flickinger, Fred W.; Jackson, George L., **129:** 763, 1978
Abdomen, neoplasms
angiography of abdominal leiomyosarcoma, Granmayeh, Masood; Jonsson, Kjell; McFarland, Warren; Wallace, Sidney, (AJR), **130:** 725, 1978
contribution of angiography to the diagnosis, staging and assessment of radiation and chemotherapy of solid abdominal malignancies in children (ab), Rosch, Joseph; Neerhout, Robert C.; Campbell, John R.; Stevens, Kenneth R., **128:** 570, 1978
dysgerminoma presenting as a calcified abdominal mass with hypercalcemia (ab), Nelken, Robert P.; Nieburg, Phillip I.; Bergstrom, William H.; Richman, Robert A., **129:** 857, 1978
gray scale sonographic appearance of intra-abdominal mesenchymal sarcomas, Bree, Robert L.; Green, Barry, **128:** 193, 1978
transcatheter brush biopsy of intravenous tumor thrombi, Mills, Steven R.; Doppman, John L.; Head, Gordon L.; Javadpour, Nasser; Brennan, Murray F.; Chu, Elizabeth W., **127:** 667, 1978
unusual scan presentations of splenic vasculature occlusion by tumor (ab), Spencer, Richard P.; Johnson, Philip M.; Sziklas, John J., **127:** 574, 1978
Abdomen, radionuclide studies
comparison of computed tomography, ultrasonography, and gallium-67 scanning in the evaluation of suspected abdominal abscess, Korobkin, Melvyn; Callen, Peter W.; Filly, Roy A.; Hoffer, Paul B.; Shimshak, Robert R.; Kressel, Herbert Y., **129:** 89, 1978
complementary role of gallium citrate imaging and computed tomography in the evaluation of suspected abdominal infection (ab), Shimshak, Robert R.; Korobkin, Melvyn; Hoffer, Paul B.; Schor, Robert; Hill, Thomas C.; Kressell, Herbert Y., **128:** 575, 1978
gallium-67 imaging in abdominal disease, Hauser, Mary F.; Alderson, Philip O., (SNM), **8:** 251, 1978
Abdomen, ultrasound studies
comparison of computed tomography, ultrasonography, and gallium-67 scanning in the evaluation of suspected abdominal abscess, Korobkin, Melvyn; Callen, Peter W.; Filly, Roy A.; Hoffer, Paul B.; Shimshak, Robert R.; Kressel, Herbert Y., **129:** 89, 1978
echographic characteristics of fatty tissues and tumors, Behan, Michael; Kazam, Elias, **129:** 143, 1978
giant cystic abdominal masses in children and adolescents: ultrasonic differential diagnosis, Wicks, Jeffrey D.; Silver, Terry M.; Bree, Robert L., (AJR), **130:** 853, 1978
gray scale sonographic appearance of intra-abdominal mesenchymal sarcomas., Bree, Robert L.; Green, Barry, **128:** 193, 1978
new ultrasonic real-time scanner featuring a servo-controlled transducer displaying a sector image, Skolnick, M. Leon; Matzuk, Terrance, **128:** 439, 1978
omental band: new sign of metastasis (ab), Stein, Mark A., **128:** 283, 1978
patient preparation to decrease bowel gas: evaluation by an ultrasonographic measurement (ab), Sommer, Graham; Filly, Roy A., **126:** 284, 1978
reexamination of the deleterious effects of gastrointestinal contrast material on abdominal echography, Sarti, Dennis A.; Lazere, Andrew, **126:** 231, 1978
relationship of computed tomography and ultrasonography in diagnosis of abdominal disease (ab), Holm, Hans H.; Smith, Edward H.; Bartrum, Jr., Royal J., **126:** 557, 1978
ultrasonic evaluation of pulsatile abdominal masses (ab), Shawker, Thomas H.; Steinfeld, Alan D., **128:** 282, 1978
ultrasonographic appearance of gas-containing abscesses in the abdomen, Kressel, Herbert Y.; Filly, Roy A., (AJR), **130:** 71, 1978
ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, Filly, Roy A.; Callen, Peter W., (RCNA), **16:** 159, 1978
ultrasound diagnosis of cerebrospinal fluid abdominal cyst, Lee, Timothy G.; Parsons, Paul M., **127:** 220, 1978
ultrasound diagnosis of hydrocolpos and hydrometrocolpos, Wilson, Don A.; Stacy, Teresa M.; Smith, E. Ide, **128:** 451, 1978
ultrasound-guided drainage of fluid-containing masses using angiographic catheterization techniques, Gronvall, John; Gronvall, Sven; Hegedus, Viktor, (AJR), **129:** 997, 1977
Abdominal angiography
See also Aortography; under names of individual diseases, organs, and regions
Abdominal angiography, indications
acute gastrointestinal hemorrhage: changing role of barium examinations, Oddson, Terrence A.; Johnrude, Jr., Irwin S.; Jackson, Donald C.; Rice, Reed P., (RCNA), **16:** 123, 1978
Abdominal angiography, technique
biplane arteriography in ischemia of the lower extremity, Crummy, Andrew B.; Rankin, Ronald S.; Turnipseed, William D.; Berkoff, Herbert A., **126:** 111, 1978
Abnormalities and deformities
See also under names of individual diseases, organs, and regions, as Bones, osteochondrodysplasias; Heart, abnormalities etc.

Abscess
See also under names of individual organs and regions, as Meninges, abscess
^{111}In desferal: new radiopharmaceutical for abscess detection, Chandra, Ramesh; Pierno, Carmine; Braunstein, Philip, **128:** 697, 1978
Abscess, abdominal
comparison of computed tomography, ultrasonography, and gallium-67 scanning in the evaluation of suspected abdominal abscess, Korobkin, Melvyn; Callen, Peter W.; Filly, Roy A.; Hoffer, Paul B.; Shimshak, Robert R.; Kressel, Herbert Y., **129:** 89, 1978
Abscess, abdominopelvic
ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, Filly, Roy A.; Callen, Peter W., (RCNA), **16:** 159, 1978
Abscess, medulla oblongata
chronic abscess of the brain stem (ab), Russell, J. A.; Shaw, M. D. M., **127:** 845, 1978
Abscess, postoperative
tumbling bolt: new sign of deep soft-tissue abscess following Richards fixation, Naimark, Allan; Lander, Philip, **129:** 30, 1978
Abscess, radionuclide diagnosis
studies on gallium accumulation in inflammatory lesions: III. roles of polymorphonuclear leukocytes and bacteria (ab), Tsan, Min-Fu, **129:** 285, 1978
Accelerators
See Linear accelerators; Therapeutic radiology
Acetabulum
arthrographic findings in Legg-Calve-Perthes disease and transient synovitis of the hip (ab), Gershuni, David H.; Axer, Anatol; Hendel, David, **129:** 568, 1978
family with primary protrusio acetabuli (ab), D'Arcy, K.; Ansell, B. M.; Bywaters, E. G. L., **128:** 568, 1978
Achalasia
See Esophagus; Pharynx
Achilles tendon
See Tendons
Achondrogenesis
See Bones, osteochondrodysplasias
Achondroplasia
See Bones, osteochondrodysplasias
Acinar pattern
See Lung neoplasms
Acro-osteolysis
See Osteolysis
Actinomycosis
actinomycosis: masquerader in the head and neck (ab), Rankow, Robin M.; Abraham, David M., **129:** 850, 1978
pulmonary actinomycosis: report of three cases, Balikian, Jirayr P.; Cheng, Tien H.; Costello, Philip; Herman, Peter G., **128:** 613, 1978
Adenocarcinoma
adenocarcinoma in the columnar-lined (Barrett) esophagus: case reports and review of the literature (ab), Poleynard, Gary D.; Marty, Alan T.; Birnbaum, William B.; Nelson, Lawrence E.; O'Reilly, Richard R., **126:** 835, 1978
Adenoma
See also under individual organs and regions, such as Parathyroid; Pituitary gland; Lung neoplasms
angiographic localization of parathyroid adenomas (ab), Fagerberg, G., **129:** 845, 1978
computerized tomography in the evaluation of pituitary adenomas (ab), Citrin, Charles M.; Davis, David O., **126:** 548, 1978
focal nodular hyperplasia and liver cell adenoma: radiologic and pathologic differentiation, Casarella, William J.; Knowles, Daniel M.; Wolff, Marianne; Johnson, Philip M., (AJR), **131:** 393, 1978
pituitary apoplexy producing internal carotid artery occlusion: case report (ab), Rosenbaum, Thomas J.; Houser, O. Wayne; Laws, Edward R., **128:** 270, 1978
radiation dose in the selection of ^{131}I or surgical treatment for toxic thyroid adenoma (ab), Gorman, Colum A.; Robertson, James S., **129:** 862, 1978
radiologic assessment of pituitary microadenomas, Robertson, William D.; Newton, Thomas H., (AJR), **131:** 489, 1978
transsphenoidal microsurgical removal of 250 pituitary adenomas (ab), Wilson, Charles B.; Demsey, Lawrence C., **129:** 275, 1978
value of CT for the diagnosis of pituitary microadenomas in children (ab), Belloni, G.; Baciocco, A.; Borrelli, P.; Sagui, G.; Di Rocco, C.; Maira, G., **129:** 845, 1978
Adenomyoma
See Myoma
Adrenal hormones and preparations
improved method of administering epinephrine in an emergency, King, Phillip E., **127:** 268, 1978
Adrenals
See also Adrenocortical hormones and preparations
adrenal, retroperitoneum and lower urinary tract (bk rev), Bosniak, Morton A.; Siegelman, Stanley S.; Evans, John A., Reviewed by Pfister, Richard C., **126:** 634, 1978
computed tomography of the normal adrenal glands, Montagne, Jean-Philippe; Kressel, Herbert Y.; Korobkin, Melvyn; Moss, Albert A., (AJR), **130:** 963, 1978
ectopic ACTH production and mediastinal lipomatosis, Drasin, George F.; Lynch, Theodore; Temes, Gerald P., **127:** 610, 1978
Adrenals, angiography
adrenal hemangiomas: angiographic appearance of a rare tumor, Rothberg, Murray; Bastidas, Jefferson; Mattey, William E.; Bernas, Elviro, **126:** 341, 1978
Adrenals, diseases
adrenal scanning and uptake with ^{131}I-6β-iodomethyl-nor-cholesterol, Ryo, U. Yun; Johnston, A. Sidney; Kim, Ilsup; Pinsky, Steven M., **128:** 157, 1978
computed tomography and gray scale ultrasonography of the adrenal gland: comparative study, Sample, William F.; Sarti, Dennis A., **128:** 377, 1978
progressive abnormalities in the brain scan in adrenal leukodystrophy, Chatterton, B. E., (AJR), **129:** 939, 1977
ultrasonography of adrenal masses: usual features, Yeh, Hsu-Chong; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester, **127:** 467, 1978
ultrasonography of adrenal masses: unusual manifestations, Yeh, Hsu-Chong; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester, **127:** 475, 1978
Adrenals, hemorrhage
diagnosis of adrenal hemorrhage by ultrasound (ab), Lawson, Edward E.; Teele, Rita Littlewood, **129:** 573, 1978
Adrenals, insufficiency
adrenoleukodystrophy: correlative analysis of computed tomography and radionuclide studies, Furuse, Makoto; Obayashi, Taminori; Tsuji, Shoji; Miyatake, Tadashi, **126:** 707, 1978
CT scanning and diagnosis of adrenoleukodystrophy (ab), Greenberg, Harry S.; Halverson, Dea; Lane, Barton, **128:** 270, 1978
Adrenals, neoplasms
adrenal cortical tumors with low attenuation coefficients: pitfall in computed tomography diagnosis (ab), Schaner, Everett G.; Dunnick, N. Reed; Doppman, John L.; Strott, Charles A.; Gill, Jr., John R.; Javadpour, Nasser, **127:** 856, 1978
adrenal hemangiomas: angiographic appearance of a rare tumor, Rothberg, Murray; Bastidas, Jefferson; Mattey, William E.; Bernas, Elviro, **126:** 341, 1978
angiographic demonstration of a vasoactive intestinal polypeptide-secreting pheochromocytoma in a patient with WDHA syndrome, Pais, S. Osher, (AJR), **130:** 172, 1978
computed tomography and gray scale ultrasonography of the adrenal gland: comparative study, Sample, William F.; Sarti, Dennis A., **128:** 377, 1978
computed tomography of the adrenal gland, Karstaedt, Nolan; Sagel, Stuart S.; Stanley, Robert J.; Melson, G. Leland; Levitt, Robert G., **129:** 723, 1978
evidence of multicentric origin of the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome) in a large family in the Netherlands; diagnostic and therapeutic implications (ab), Lips, C. J. M.; Minder, W. H.; Leo, J. R.; Alleman, A.; Hackeng, W. H. L., **128:** 858, 1978
gray scale ultrasonography of adrenal neoplasms, Bernardino, Michael E.; Goldstein, Harvey M.; Green, Barry, (AJR), **130:** 741, 1978
left adrenal neuroblastoma with normal-appearing urogram, Haller, Jack O.; Berdon, Walter E.; Baker, David H.; Kassner, E. George, (AJR), **129:** 1051, 1977
lipomatous tumors of the kidney and adrenal: apparent echographic specificity, Scheible, William; Ellenbogen, Paul H.; Leopold, George R.; Siao, Newton T., **129:** 153, 1978
myelolipoma of the adrenal: two cases with ultrasound and CT findings, Behan, Michael; Martin, Eric C.; Muecke, Edward C.; Kazam, Elias, (AJR), **129:** 993, 1977
phlebographic diagnosis of pheochromocytoma (ab), Georgi, M.; Cordes, U.; Gunther, R.; Philipp, T.; Lenner, V., **129:** 857, 1978
ultrasonography of adrenal masses: usual features, Yeh, Hsu-Chong; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester, **127:** 467, 1978
ultrasonography of adrenal masses: unusual manifestations, Yeh, Hsu-Chong; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester, **127:** 475, 1978
ultrasound in the evaluation of adrenal metastases (ab), Forsythe, John R.; Gosink, Barbara B.; Leopold, George R., **126:** 843, 1978
Adrenals, radionuclide studies
adrenal imaging agents: rationale, synthesis, formulation and metabolism, Beierwaltes, William H.; Wieland, Donald M.; Yu, Terry; Swanson, Dennis P.; Mosley, Stephen T., (SNM), **8:** 5, 1978
adrenal scanning and uptake with ^{131}I-6β-iodomethyl-nor-cholesterol, Ryo, U. Yun; Johnston, A. Sidney; Kim, Ilsup; Pinsky, Steven M., **128:** 157, 1978
adrenal scanning: usefulness in adrenal hyperfunction (ab), Wahner, Heinz W.; Northcutt, Robert C.; Salassa, Robert M., **127:** 573, 1978
adrenal scintigraphy, Thrall, James H.; Freitas, John E.; Beierwaltes, William H., (SNM), **8:** 23, 1978
MEN type IIa syndrome: dilemmas in modern management, Freitas, John E.; Sisson, James C.; Freier, Duane T.; Thompson, Norman W., (SNM), **8:** 73, 1978
Adrenals, ultrasound studies
adrenal ultrasonography, Sample, William Frederick, **127:** 461, 1978
computed tomography and gray scale ultrasonography of the adrenal gland: comparative study, Sample, William F.; Sarti, Dennis A., **128:** 377, 1978
diagnosis of adrenal hemorrhage by ultrasound (ab), Lawson, Edward E.; Teele, Rita Littlewood, **129:** 573, 1978
gray scale ultrasonography of adrenal neoplasms, Bernardino, Michael E.; Goldstein, Harvey M.; Green, Barry, (AJR), **130:** 741, 1978
ultrasonography of adrenal masses: usual features, Yeh, Hsu-Chong; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester, **127:** 467, 1978
ultrasonography of adrenal masses: unusual manifestations, Yeh, Hsu-Chong; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester, **127:** 475, 1978
ultrasound in the evaluation of adrenal metastases (ab), Forsythe, John R.; Gosink, Barbara B.; Leopold, George R., **126:** 843, 1978
Adrenoleukodystrophy
See Adrenals, insufficiency
Afferent loop
See Intestines
Aganglionosis
See Colon, aganglionosis
Aglossia-adactylia syndrome
See Bones, dyostoses
Aicardi syndrome
See Brain abnormalities; Spinal cord, abnormalities
Albright-McCune syndrome
See Bones, osteochondrodysplasias
Alcoholism
echocardiography in chronic alcoholics following prolonged periods of abstinence (ab), Reeves, William C.; Nanda, Navin C.; Gramiak, Raymond, **129:** 859, 1978
liver scintigraphic features associated with alcoholism (ab), Drum, David E.; Beard, Judith O., **128:** 286, 1978
miliary aspergillosis associated with alcoholism, Blum, Jeffrey; Reed, James C.; Pizzo, Salvatorie V.; Thompson, William M., (AJR), **131:** 707, 1978
renal anomalies in the fetal alcohol syndrome (ab), DeBeukelaer, Martin M.; Randall, Carrie L.; Stroud, Donna R., **128:** 569, 1978
Allergy
See Anaphylaxis and allergy
Alopecia
syndrome of progressive muscle spasm, alopecia, and diarrhea (ab), Satoyoshi, Eijiro, **129:** 571, 1978
Amaurosis fugax
amaurosis fugax and carotid artery disease: indications for angiography (ab), Wilson, L. A.; Russell, R. W. Ross, **127:** 276, 1978
Amebiasis
pleuropulmonary amoebiasis in Ghana: report of three cases (ab), Mukerjee, Chitta M., **129:** 852, 1978

Amipaque
See Myelography, contrast media
Amniofetography
See Amniography
Amniography
complication of amniofetography: hypothyroidism (ab), Denavit, M.-F.; Lecointre, Cl.; Mallet, E.; de Menibus, Cl.; Rossier, A., **126:** 281, 1978
Amyloidosis
amyloid arthropathy (ab), Dalziell, H.; Spencer, D.; Corrigan, A. B.; Webb, J., **127:** 280, 1978
angiocardiographic differentiation of constrictive pericarditis and restrictive cardiomyopathy due to amyloidosis, Chang, Luke W. M.; Grollman, Jr., Julius H., (AJR), **130:** 451, 1978
angiographic findings in renal amyloidosis, McCormick, Thomas L.; Cho, Kyung J., (AJR), **129:** 855, 1977
gastrointestinal angiographic findings in systemic amyloidosis, Schroeder, Franz Michael; Miller, Jr., Franklin J.; Nelson, James A.; Rankin, Ronald S., (AJR), **131:** 143, 1978
radiographic spectrum of cardiopulmonary amyloidosis (ab), Himmelfarb, Elliott; Wells, Stanley; Rabinowitz, Jack G., **126:** 549, 1978
radiologic findings in renal amyloidosis, Ekelund, Leif, (AJR), **129:** 851, 1977
selective massive amyloidosis of the small intestine mimicking multiple tumors, Pandarinath, Gupta S.; Levine, Stephen M.; Sorokin, Jeffrey J.; Jacoby, James H., **129:** 609, 1978
Anaphylaxis and allergy
human reaction to bovine TSH: concise communication (ab), Krishnamurthy, G. T., **128:** 576, 1978
Anatomy
atlas of human anatomy. vol. 3: central nervous system, autonomic nervous system, sense organs and skin, peripheral nerves and vessels (bk rev), Hild, Walther J., ed., Reviewed by Eyler, William R., **128:** 594, 1978
atlas of human anatomy. vol. 1: regions, bones, ligaments, joints and muscles (bk rev), Figge, Frank H. J., ed., Reviewed by Eyler, William R., **128:** 594, 1978
atlas of human anatomy. vol. 2: visceral anatomy (cardiovascular, lymphatic, digestive, respiratory and urogenital systems) (bk rev), Figge, Frank H. J., ed., Reviewed by Eyler, William R., **128:** 594, 1978
Anemia, aplastic
expectation of aplastic anemia following radiotherapy for malignancy, Kitabatake, Takashi; Sakai, Kunio; Saito, Akira, **129:** 169, 1978
Anemia, congenital
female with "Aase syndrome" (ab), van Weel-Sipman, M.; van de Kamp, J. J. P.; de Koning, J., **128:** 571, 1978
Anemia, pernicious
can ^{99m}Tc-pertechnetate be used to assess the secretion of gastric acid in pernicious anemia? (ab), Chaudhuri, Tapan K., **127:** 287, 1978
Anemia, sickle-cell
See Sickle-cell diseases (SS, SC)
Anesthesia
adjuvant intra-arterial lidocaine in aortofemoral arteriography: some further observations, Widrich, Warren C.; Robbins, Alan H.; Goldstein, Susan A.; Singer, Robert J., **129:** 371, 1978
conscious dynamic versus unconscious static cystourethrography (ab), Arnold, Samuel J.; Berg, Roger, **127:** 284, 1978
effects of general anaesthesia on size of cerebrospinal fluid spaces during and after pneumoencephalography (ab), Moseley, I. F.; Loh, L.; du Boulay, G. H., **129:** 275, 1978
pain associated with peripheral angiography: is lidocaine effective? Eisenberg, Ronald L.; Mani, Richard L.; Hedgcock, Marcus W., **127:** 109, 1978
paradoxic response to intraarterial lidocaine analgesia, Ben-Menachem, Yoram, (AJR), **130:** 360, 1978
Aneurysm
aneurysm of the superior hemorrhoidal artery: unusual cause of massive rectal bleeding (ab), Pond, Gerald D.; Ovitt, Theron W.; Witte, Charles L.; Farrell, Kevin, **126:** 279, 1978
B-mode ultrasonography of prosthetic vascular grafts, Gooding, Gretchen A. W.; Herzog, Karen A.; Hedgcock, Marcus W.; Eisenberg, Ronald L., **127:** 763, 1978
demonstration of a false aneurysm of the extremity by dynamic radionuclide scintigraphy, Lee, Kyo Rak; Robinson, Ralph G.; Neff, James R., (AJR), **129:** 931, 1977
gray scale ultrasound evaluation of popliteal artery aneurysms, Silver, Terry M.; Washburn, Ronald L.; Stanley, James C.; Gross, William S., (AJR), **129:** 1003, 1977
multiple aneurysm formation as a complication of interventive angiography, Balsys, Raymond; Cross, Robert, **126:** 91, 1978
neoplastic pseudoaneurysm of the superior mesenteric artery, Marks, William M.; Jacobs, Richard P.; Clark, Robert E., **126:** 622, 1978
primary renal artery dissecting aneurysm: review (ab), Rao, Chadalawada N.; Blaivas, Jerry G., **127:** 283, 1978
pseudoaneurysm of the left ventricle: unusual echocardiographic presentation. review of the literature (ab), Davidson, Kenneth H.; Parisi, Alfred F.; Harrington, James J.; Barsamian, Ernest M.; Fishbein, Michael C., **126:** 282, 1978
transcatheter Gelfoam embolization of posttraumatic bleeding pseudoaneurysms, Chang, James; Katzen, Barry T.; Sullivan, Kenneth P., (AJR), **131:** 645, 1978
Aneurysm, aortic
aortic dissection beginning in the abdomen, Sniderman, Kenneth W.; Sos, Thomas A.; Gay, Jr., William A.; Subramanian, V. A., (AJR), **130:** 1115, 1978
clinical evaluation of pulse-Doppler device linked to gray scale B-scan equipment, Taylor, Kenneth J. W.; Atkinson, Peter; de Graaff, Casper S.; Dembner, Alan G.; Rosenfield, Arthur T., **129:** 745, 1978
comparison of computed tomography and ultrasound for abdominal aortic aneurysms: preliminary study (ab), Raskin, Michael M.; Cunningham, James B., **128:** 853, 1978
echocardiographic manifestations of annulo-aortic ectasia: its "paradoxical" motion of the aorta and premature systolic closure of the aortic valve (ab), Atsuchi, Yoshihiko; Nagai, Yasuo; Komatsu, Yukio; Nakamura, Kenji; Shibuya, Minoru; Hirosawa, Koshichiro, **128:** 571, 1978
false aneurysm of the descending aorta: complication of umbilical artery catheterization (ab), Spangler, John G.; Kleinberg, Frederic; Fulton, Richard E.; Barnhorst, Donald A.; Ritter, Donald G., **128:** 274, 1978
thickness of the descending aortic wall: unreliable angiographic sign for dissecting aneurysms, Formanek, Augustin; Probst, P.; Amplatz, Kurt, **129:** 50, 1978
three-channeled aortic dissection, McReynolds, Richard A.; Shin, Myung Soo; Sims, Richard D., (AJR), **130:** 549, 1978
traumatic pseudoaneurysms of the thoracic aorta: two unusual cases, Hirsch, Jack H.; Carter, Stephen J.; Chikos, Paul M., (AJR), **130:** 157, 1978
two-dimensional echoaortocardiographic approach to dissecting aneurysms of the aorta to prevent false-positive diagnoses, Matsumoto, Masayuki; Matsuo, Hirohide; Ohara, Tatsuhiko; Yoshioka, Yukio; Abe, Hiroshi, **127:** 491, 1978
ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, Filly, Roy A.; Callen, Peter W., (RCNA), **16:** 159, 1978
Aneurysm, basilar
traumatic aneurysm of the basilar artery, Bank, William O.; Nelson, Paul B.; Drayer, Burton P.; Wilkins, Robert H.; Rosenbaum, Arthur E., (AJR), **130:** 975, 1978
Aneurysm, cardiac
delayed peak of the posterior wall: new echocardiographic index of posterior wall aneurysm (ab), Ogawa, Satoshi; Pauletto, Ferrel J.; Moghadam, A. N.; Akhtar, Riaz A.; Meixell, Linda L., **128:** 572, 1978
echophonocardiographic diagnosis of left ventricular pseudoaneurysm (ab), Mills, Peter G.; Rose, John D.; Brodie, Bruce R.; Delany, David J.; Craige, Ernest, **126:** 841, 1978
false aneurysms of the left ventricle: identification of distinctive clinical, radiographic, and angiographic features, Higgins, Charles B.; Lipton, Martin J.; Johnson, Allen D.; Peterson, Kirk L.; Vieweg, W. V. R., **127:** 21, 1978
pseudoaneurysm of the left ventricle: radiographic and angiocardiographic diagnosis, Spindola-Franco, Hugo; Kronacher, Norman, **127:** 29, 1978
Aneurysm, carotid
agenesis of the left internal carotid artery associated with an aneurysm on the right carotid syphon: case report (ab), Servo, Antti, **126:** 831, 1978
carotid-ophthalmic aneurysms: direct microsurgical approach (ab), Yasargil, M. G.; Gasser, J. C.; Hodosh, R. M.; Rankin, T. V., **126:** 831, 1978
Aneurysm, cerebral
aneurysmal tumors of the basifrontal region (ab), Maxwell, Robert E.; Chou, Shelley N., **126:** 547, 1978
direct serial magnification angiography applied to cerebral aneurysms, Shiozawa, Zenji; Ohya, Masaki; Tanaka, Yoshiaki; Maekoshi, Hisashi, **126:** 263, 1978
traumatic aneurysm of peripheral cerebral arteries: report of two cases (ab), Asari, Syoji; Nakamura, Shigeo; Yamada, Osamu; Beck, Hiroichi; Sugatani, Hiroshi; Higashi, Toru, **127:** 844, 1978
Aneurysm, dissecting
See Aneurysm, aortic
Aneurysm, hepatic
pseudoaneurysm of the arterial anastomosis in a renal transplant, Renigers, S. A.; Spigos, D. G., (AJR), **131:** 525, 1978
Aneurysm, intracranial
angiography for intracranial aneurysms of the vertebro-basilar system (ab), Sartor, K., **127:** 843, 1978
giant intracranial aneurysms: review of 13 cases (ab), Sonntag, Volker K. H.; Yuan, Robert H.; Stein, Bennett M., **126:** 831, 1978
multiple intracranial aneurysms, Zacks, David J., (AJR), **130:** 180, 1978
spontaneous healing of intracranial aneurysm after subarachnoid hemorrhage: case report (ab), Edner, Goran; Forster, David M. C.; Steiner, Ladislau; Bergvall, Ulf, **129:** 845, 1978
subdural hematomas due to ruptured cerebral aneurysms: angiographic diagnosis and potential pitfall for CT, Handel, Stanley F.; Perpetuo, Francisco O. L.; Handel, Carolyn H., (AJR), **130:** 507, 1978
Aneurysm, mesenteric
detection of superior mesenteric artery aneurysm by radionuclide angiography: brief case report, Glass, Edwin C.; Hansen, Steven K.; Dublin, Arthur B.; Stadalnik, Robert C., **129:** 122, 1978
Aneurysm, mycotic
localization of ^{67}Ga citrate in a mycotic aneurysm, Michal, III, John A.; Coleman, R. Edward, (AJR), **129:** 1111, 1977
Aneurysm, popliteal
popliteal vein thrombosis secondary to popliteal artery aneurysm, Giustra, Peter E.; Root, John A.; Mason, Sabry E.; Killoran, Paul J., (AJR), **130:** 25, 1978
Aneurysm, renal
emergency uroradiology for the nontraumatized patient, Elkin, Milton, (RCNA), **16:** 135, 1978
unusual renal manifestations of Wegener's granulomatosis: report of two cases (ab), Baker, Stuart B.; Robinson, Dwight R., **129:** 282, 1978
Aneurysm, rupture
emergency uroradiology for the nontraumatized patient, Elkin, Milton, (RCNA), **16:** 135, 1978
hemosuccus pancreaticus (hemoductal pancreatitis): gastrointestinal hemorrhage due to rupture of a splenic artery aneurysm into the pancreatic duct (ab), Bivins, Brack A.; Sachatello, Charles R.; Chuang, Vincent P.; Brady, Patrick, **129:** 276, 1978
Aneurysm, sciatic
arteriomegaly of persistent sciatic arteries, Lea Thomas, M.; Blakeney, Charles G.; Browse, Norman L., **128:** 55, 1978
Aneurysm, splenic
nonsurgical treatment of splenic-artery aneurysms, Probst, Peter; Castaneda-Zuniga, W. R.; Gomes, Antoinette S.; Yonehiro, Earl G.; Delaney, John P.; Amplatz, Kurt, **128:** 619, 1978
Aneurysm, subclavian
subclavian artery aneurysm: unique late complication of Blalock-Taussig anastomosis, McGahan, John P.; Bogren, Hugo G.; Foerster, James M.; Mason, Dean T., (AJR), **130:** 1181, 1978
Aneurysm, vertebrobasilar
computed tomography of vertebrobasilar artery aneurysm (ab), Zimmerman, Robert A.; Bilaniuk, Larissa T., **128:** 849, 1978
Angiocardiography
See also Angiography; Coronary angiography; under diseases, organs, and regions, as Coronary vessels; Heart; Mitral valve; etc.

angiocardiography of subaortic obstruction in infancy, Freedom, Robert M.; Culham, J. A. G.; Rowe, Richard D., (AJR), **129:** 813, 1977
angiographic features of carcinoid heart disease, Holt, R. Gary; Gross, Richard; Carlsson, Erik, **127:** 601, 1978
cytogenetic effects of contrast media and triiodobenzoic acid derivatives in human lymphocytes, Norman, Amos; Adams, Forrest H.; Riley, Richard F., **129:** 199, 1978
development of a method of evaluating cardiac performance using interactive computer graphics, Moore, Richard; Kim, Sung; Beranek, Ivo; Amplatz, Kurt, **127:** 529, 1978
distinguishing ischemic from fibrotic myocardium during ventriculography by means of physiological potentiation, Wolf, Gerald L.; Langer, Alois A.; Shaw, David D.; Baltaxe, Harold A., **126:** 821, 1978
doxorubicin cardiomyopathy: evaluation by phonocardiography, endomyocardial biopsy, and cardiac catheterization (ab), Bristow, Michael R.; Mason, Jay W.; Billingham, Margaret E.; Daniels, John R., **128:** 853, 1978
on-line computer storage, retrieval, and reporting of coded angiographic data, Budkin, Alberto; Gosselin, Arthur J.; Stokes, Jr., Thomas J., **127:** 141, 1978

Angiocardiography, radionuclide
assessment of radionuclide angiocardiograms using color/time images, Gates, Gary F., **129:** 483, 1978

Angiocardiography, technique
biplane angiographic volumetry using the right anterior oblique and half-axial left anterior oblique technique, Als, Ann V.; Paulin, Sven; Aroesty, Julian M., **126:** 511, 1978

Angiofibroma
See Angioma

Angiography
angiography of chronic hemodialysis arteriovenous grafts, O'Reilly, R. J.; Hansen, C. C.; Rosental, J. J., (AJR), **130:** 1105, 1978
augmented arterial flow and pressure resulting from selective injections through catheters: clinical implications, Levin, David C., **127:** 103, 1978
on-line computer storage, retrieval, and reporting of coded angiographic data, Budkin, Alberto; Gosselin, Arthur J.; Stokes, Jr., Thomas J., **127:** 141, 1978
pitfalls in the angiographic management of hemorrhage: hemodynamic considerations, Ring, Ernest J.; Oleaga, Juan A.; Freiman, David; Husted, James W.; Waltman, Jr., Arthur C.; Baum, Stanley, (AJR), **129:** 1007, 1977

Angiography, complications
cardiovascular trauma from angiographic jets—validation of a theoretic concept in dogs, Lipton, Martin J.; Abbott, Joseph A.; Kosek, Jon C.; Hayashi, Thomas; Lee, Francis C. S.; Bishop, Earl, **129:** 363, 1978
complications of angiographic examinations, Sigstedt, B.; Lunderquist, A., (AJR), **130:** 455, 1978
complications of wedge hepatic venography, Castaneda-Zuniga, Wilfrido R.; Jauregui, Hugo; Rysavy, J. A.; Formanek, Augustin; Amplatz, Kurt, **126:** 53, 1978
foreign body embolism of retinal arteries as a complication of carotid angiography (ab), Nehen, A.-M.; Damgaard-Jensen, L.; Hansen, P. E., **129:** 848, 1978
multiple aneurysm formation as a complication of interventive angiography, Balsys, Raymond; Cross, Robert, **126:** 91, 1978
use of a tip deflecting guide in untying a knotted arterial catheter, Holder, John C.; Cherry, James F., **128:** 808, 1978

Angiography, indications
angiography in reticulum cell sarcoma (ab), Albrechtsson, U.; Tylen, U., **126:** 839, 1978
angiography of extremity masses in children, Stanley, Philip; Miller, John H., (AJR), **130:** 1119, 1978
axillary hibernoma: review of the literature with report of a case examined angiographically, McLane, Robert C.; Meyer, Leslie C., **127:** 673, 1978
emergency angiography in extremity trauma: prognostic aspects (ab), Laasonen, E. M., **129:** 853, 1978
intestinal volvulus: angiographic findings, Kadir, Saadoon; Athanasoulis, Christos A.; Greenfield, Alan J., **128:** 595, 1978
rectal bleeding secondary to fecal disimpaction: angiographic diagnosis and treatment, Naderi, Mohammad J.; Bookstein, Joseph J., **126:** 387, 1978
value of arteriography in the management of aneurysmal bone cyst (ab), deSantos, Luis A.; Murray, John A., **129:** 280, 1978
venous-phase angiography in subclavian-steal syndrome, Nalbantgil, Istemi; Yigitbasi, Omer; Cagatay, Guven; Kiliccioglu, Bulent; Atabay, Gurhun, **128:** 411, 1978

Angiography, in infants and children
Klippel–Trenaunay syndrome: clinical and radiological aspects, Phillips, Gail N.; Gordon, David H.; Martin, Eric C.; Haller, Jack O.; Casarella, William, **128:** 429, 1978

Angiography, instrumentation
arteriography in children using an isocentric parallelogram, Fellows, Kenneth E.; Strand, Roy D., **128:** 824, 1978
shielding the hand during cross-compression angiography, Nusbacher, Noel; Pollak, Lester; Bryk, David, **128:** 509, 1978
use of a curved multi-hole catheter for abdominal and femoral arteriography, Kogutt, Marvin S.; Jander, H. P., **128:** 817, 1978

Angiography, intraoperative
detecting complications of direct arterial surgery: role of intraoperative arteriography (ab), Coubier, R.; Jausseran, J. M.; Reggi, M., **127:** 563, 1978
intraoperative localization of intestinal arteriovenous malformation (ab), Evans, William E.; O'Dorisio, Thomas M.; Molnar, William; Martin, Jr., Edward W.; Wooley, Charles F.; Cooperman, Marc, **128:** 567, 1978

Angiography, radionuclide
detection of superior mesenteric artery aneurysm by radionuclide angiography: brief case report, Glass, Edwin C.; Hansen, Steven K.; Dublin, Arthur B.; Stadalnik, Robert C., **129:** 122, 1978
differential shunting in the diagnosis of patent ductus arteriosus with Eisenmenger physiology by radionuclide angiography, Thomas, John L.; Scherer, James; Kahl, Frederick R.; Watson, Nat; Cowan, Robert, **127:** 733, 1978
left-ventricular ejection fraction and segmental wall motion by peripheral first-pass radionuclide angiography (ab), Hecht, Harvey S.; Mirell, Stuart G.; Rolett, Ellis L.; Blahd, William H., **128:** 284, 1978

Angiography, technique
adjuvant intra-arterial lidocaine in aortofemoral arteriography: some further observations, Widrich, Warren C.; Robbins, Alan H.; Goldstein, Susan A.; Singer, Robert J., **129:** 371, 1978
complications of wedge hepatic venography, Castaneda-Zuniga, Wilfrido R.; Jauregui, Hugo; Rysavy, J. A.; Formanek, Augustin; Amplatz, Kurt, **126:** 53, 1978
congenital pulmonary atresia with ventricular septal defect: angiographic and surgical correlates, Davis, George D.; Fulton, Richard E.; Ritter, Donald G.; Mair, Douglas D.; McGoon, Dwight C., **128:** 133, 1978
direct serial magnification angiography applied to cerebral aneurysms, Shiozawa, Zenji; Ohya, Masaki; Tanaka, Yoshiaki; Maekoshi, Hisashi, **126:** 263, 1978
electromagnetic rheoangiometry: extension of selective angiography, Kolin, Alexander; MacAlpin, Rex; Steckel, Richard, (AJR), **130:** 13, 1978
fluoroscopic guidance in femoral artery puncture, Dotter, Charles T.; Rosch, Josef; Robinson, Manfred, **127:** 266, 1978
metrizamide in angiography: I. femoral angiography (ab), Almen, T.; Boijsen, E.; Lindell, S. E., **127:** 278, 1978
origin of the left gastric artery, Naidich, James B.; Naidich, Thomas P.; Sprayregen, Seymour; Hyman, Roger A.; Pudlowski, Rochelle M.; Stein, Harry L., **126:** 623, 1978
pain associated with peripheral angiography: is lidocaine effective? Eisenberg, Ronald L.; Mani, Richard L.; Hedgcock, Marcus W., **127:** 109, 1978
percutaneous puncture guided by ultrasonic multitransducer scanning (ab), Pedersen, Jan Fog, **126:** 842, 1978
spinal cord angiography using 4× magnification, Shiozawa, Zenji; Tanaka, Yoshiaki; Makino, Nobuichi; Sugita, Ken-ichiro, **127:** 181, 1978
ultrasound-guided drainage of fluid-containing masses using angiographic catheterization techniques, Gronvall, John; Gronvall, Sven; Hegedus, Viktor, (AJR), **129:** 997, 1977

Angioma
adrenal hemangiomas: angiographic appearance of a rare tumor, Rothberg, Murray; Bastidas, Jefferson; Mattey, William E.; Bernas, Elviro, **126:** 341, 1978
air meniscus sign in sclerosing hemangioma of the lung, Bahk, Yong Whee; Shinn, Kyung Sub; Choi, Byung Suk, **128:** 27, 1978
computerized axial tomography in the preoperative evaluation of an angiofibroma (ab), Duckert, Larry G.; Varley, Richard B.; Hilger, Jerome A., **129:** 849, 1978
cystic angiomatosis (ab), Schajowicz, F.; Aiello, C.; Francone, M.; Giannini, R., **128:** 857, 1978
cystic retroperitoneal lymphangioma in infants and children, Leonidas, John C.; Brill, Paula W.; Bhan, Ina; Smith, Thomas H., **127:** 203, 1978
diffuse pulmonary hemangiomatosis, Rowen, Marshall; Thompson, James R.; Williamson, Robin A.; Wood, Betty J., **127:** 445, 1978
diffuse skeletal angiomatosis (ab), Graham, David Y.; Gonzales, Jorge; Kothari, Shirish M., **129:** 280, 1978
hemangiomas of the liver in patients with renal cell carcinoma, Madayag, Manuel A.; Bosniak, Morton A.; Kinkhabwala, Mahesh; Becker, Joshua, A., **126:** 391, 1978
internal carotid artery supply in juvenile angiofibroma (ab), Becker, H.; Newton, T. H., **129:** 846, 1978
intracerebral venous angioma: case report and review (ab), Sarwar, Mohammad; McCormick, William F., **128:** 560, 1978
juvenile nasopharyngeal angiofibroma: report of seven cases, Sinha, Purendra P.; Aziz, Hasan I., **127:** 501, 1978
Klippel–Trenaunay syndrome: clinical and radiological aspects, Phillips, Gail N.; Gordon, David H.; Martin, Eric C.; Haller, Jack O.; Casarella, William, **128:** 429, 1978
partial embolization of large peripheral hemangioma for pain control, Mitty, Harold A.; Kleiger, Barnard, **127:** 671, 1978
pitfalls in the radiographic diagnosis of angiofibroma, Shaffer, Katherine; Haughton, Victor; Farley, George; Friedman, Jerry, **127:** 425, 1978
primary cavernous haemangioma of the frontal bone: case report (ab), McIntyre, N. G.; Brebner, D. M.; Gluckman, J., **127:** 276, 1978
spinal cord arteriovenous malformations and the Klippel-Trenaunay-Weber syndrome (ab), Djindjian, M.; Djindjian, R.; Hurth, M.; Rey, A.; Houdart, R., **127:** 282, 1978
spinal epidural angiomatous malformations draining into intrathecal veins (ab), Kendall, B. E.; Logue, V., **127:** 854, 1978

Angiomatosis
See Angioma

Angiosarcoma
See also Sarcoma
pericardial angiosarcoma simulating pericardial effusion by echocardiography (ab), Lin, Tung K.; Stech, Joseph M.; Eckert, William G.; Lin, Joe J.; Farha, Suhaul J.; Hagan, Condon T., **129:** 283, 1978

Angiotensin
effect of angiotensin on normal renal circulation determined by angiography and a dye dilution technique (ab), Ekelund, L.; Gothlin, J., **127:** 282, 1978

Ankle
anterior instability in the ankle joint following acute lateral sprain (ab), Lindstrand, A.; Mortensson, W., **128:** 279, 1978

Ankle, dislocation
fracture-dislocation of the ankle with posterior entrapment of the fibula behind the tibia: recognition and management (ab), Mayer, Philip J.; Evarts, C. McCollister, **129:** 569, 1978

Ankle, fractures
ankle trauma, Edeiken, Jack; Cotler, Jerome M., (SR), **13:** 145, 1978
fracture-dislocation of the ankle with posterior entrapment of the fibula behind the tibia: recognition and management (ab), Mayer, Philip J.; Evarts, C. McCollister, **129:** 569, 1978

Ankle, injuries
ankle trauma, Edeiken, Jack; Cotler, Jerome M., (SR), **13:** 145, 1978
radiographic diagnosis of acute peroneal tendon dislocation, Church, Charles C., (AJR), **129:** 1065, 1977

Ankle, prostheses
total ankle joint replacement (ab), Stauffer, Richard N., **127:** 568, 1978

Ankylosis
See Spine, ankylosis, arthritis

Anticoagulants
See Blood, coagulation

Antigens and antibodies
See Immunity

Anus
anal agenesis with rectobulbar fistula, Currarino, Guido; Votteler, Theodore P.; Kirks, Donald R., **126:** 457, 1978

calcified intraluminal meconium in a female infant with imperforate anus, Selke, Jr., Albert C.; Cowley, Claire Ellen, (AJR), **130:** 786, 1978
VATER association, Barnes, John C.; Smith, Wilbur L., **126:** 445, 1978
Anus, abnormalities
transient ureteric dilatation in neonates with imperforate anus: report of 4 cases (ab), Rickwood, A. M. K., **128:** 857, 1978
Anus, neoplasms
primary treatment of carcinoma of the lower rectum and anal canal by a combination of external irradiation and interstitial implant, Syed, A. M. Nisar; Puthawala, Ajmel; Neblett, David; George, III, Frederick W.; Myint, U. Soe; Lipsett, James A.; Jackson, B. Richard; Flemming, Peter A., **128:** 199, 1978
Aorta
See also Aortic valve; Aortography; Arteriosclerosis
subclavian artery as the first branch of the aortic arch: normal variant in two patients, Boechat, Maria Ines; Gilsanz, Vincente; Fellows, Kenneth E., (AJR), **131:** 721, 1978
Aorta, abnormalities
See also Transposition of great vessels
abdominal aorta in spina bifida cystica (ab), Watt, Iain; Park, William M., **129:** 566, 1978
left aortic arch with right descending aorta, Dominguez, Rodrigo; Oh, Kook Sang; Dorst, John P.; Young, Lionel W., (AJR), **130:** 917, 1978
plain film findings of anatomically corrected malposition: its association with juxtaposition of the atrial appendages and right aortic arch, Bream, Peter R.; Elliott, Larry P.; Bargeron, Jr., L. M., **126:** 589, 1978
Aorta, aneurysm
See Aneurysm, aortic
Aorta, coarctation
See Aorta, stenosis
Aorta, diseases
computed tomography of the thorax, Jost, R. Gilbert; Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G., **126:** 125, 1978
Aorta, dissecting
See Aneurysm, aortic
Aorta, injuries
cardiovascular trauma from angiographic jets—validation of a theoretic concept in dogs, Lipton, Martin J.; Abbott, Joseph A.; Kosek, Jon C.; Hayashi, Thomas; Lee, Francis C. S.; Bishop, Earl, **129:** 363, 1978
traumatic pseudoaneurysms of the thoracic aorta: two unusual cases, Hirsch, Jack H.; Carter, Stephen J.; Chikos, Paul M., (AJR), **130:** 157, 1978
Aorta, insufficiency
detection of aortic insufficiency by pulse Doppler echocardiography (ab), Ward, Jonathan M.; Baker, Donald W.; Rubenstein, Simeon A.; Johnson, Steve L., **126:** 842, 1978
treatment of acute aortic insufficiency with sodium nitroferricyanide: documentation of beneficial effect by noninvasive means (ab), Warner, Robert A.; Bowser, Michael; Zuehlke, Stephen; Mookherjee, Sakti; Obeid, Anis I., **126:** 840, 1978
Aorta, obstruction
See Aorta, stenosis
Aorta, prostheses
aortoesophageal fistula as a complication of aortic prosthetic graft, Seymour, E. Q., (AJR), **131:** 160, 1978
Aorta, rupture
echocardiographic manifestations of ruptured aortic valvular leaflets in the absence of valvular vegetations (ab), Das, Gopal; Lee, C. C.; Weissler, A. M., **126:** 840, 1978
Aorta, stenosis
angiocardiography of subaortic obstruction in infancy, Freedom, Robert M.; Culham, J. A. G.; Rowe, Richard D., (AJR), **129:** 813, 1977
aortic stenosis in children: experience with echocardiographic prediction of severity (ab), Blackwood, R. Andrew; Bloom, Kenneth R.; Williams, Constance M., **127:** 857, 1978
cross-sectional echocardiographic characterization of aortic obstruction. 1. subravalvular aortic stenosis and aortic hypoplasia (ab), Weyman, Arthur E.; Caldwell, Randall L.; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie, **128:** 281, 1978
cross-sectional echocardiographic detection of aortic obstruction. 2. coarctation of the aorta (ab), Weyman, Arthur E.; Caldwell, Randall L.; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie, **128:** 281, 1978
distinctive echocardiographic pattern of posterior wall endocardial motion in aortic stenosis (ab), Sheppard, J. M.; Shah, Abid A.; Sbarbaro, James A.; Brooks, Harold L., **129:** 859, 1978
early systolic closure of the aortic valve in patients with hypertrophic subaortic stenosis and discrete subaortic stenosis: correlation with preoperative and postoperative hemodynamics (ab), Krajcer, Zvonimir; Orzan, Fulvio; Pechacek, Leonard W.; Garcia, Efrain; Leachman, Robert D., **128:** 860, 1978
echocardiographic assessment of the relation between left ventricular wall and cavity dimensions and peak systolic pressure in children with aortic stenosis (ab), Aziz, Kalim U.; van Grondelle, Albertus; Paul, Milton H.; Muster, Alexander J., **127:** 285, 1978
echocardiographic assessment of left ventricular filling and septal and posterior wall dynamics in idiopathic hypertrophic subaortic stenosis (ab), St. John Sutton, Martin G.; Tajik, Abdul J.; Gibson, Derek G.; Brown, David J.; Seward, James B.; Giuliani, Emilio R., **128:** 282, 1978
echocardiographic features of combined membranous subaortic stenosis and acquired calcific aortic valvulopathy (ab), Hess, Paul G.; Nanda, Navin C.; DeWeese, James A.; Reeves, William C.; Gramiak, Raymond, **127:** 570, 1978
mitral ring calcification in idiopathic hypertrophic subaortic stenosis (ab), Kronzon, Itzhak; Glassman, Ephraim, **129:** 858, 1978
real-time cross-sectional echocardiographic diagnosis of coarctation of the aorta: prospective study of echocardiographic-angiographic correlations (ab), Sahn, David J.; Allen, Hugh D.; McDonald, Gail; Goldberg, Stanley J., **127:** 285, 1978
serial echocardiographic profiles in infants and children with coarctation of the aorta (ab), Wing, Jennifer P.; Findley, William A.; Sahn, David J.; McDonald, Gail; Allen, Hugh D.; Goldberg, Stanley J., **129:** 284, 1978
Aorta, ultrasound studies
aortic stenosis in children: experience with echocardiographic prediction of severity (ab), Blackwood, R. Andrew; Bloom, Kenneth R.; Williams, Constance M., **127:** 857, 1978
comparison of computed tomography and ultrasound for abdominal aortic aneurysms: preliminary study (ab), Raskin, Michael M.; Cunningham, James B., **128:** 853, 1978
cross-sectional echocardiographic characterization of aortic obstruction. 1. subravalvular aortic stenosis and aortic hypoplasia (ab), Weyman, Arthur E.; Caldwell, Randall L.; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie, **128:** 281, 1978
cross-sectional echocardiographic detection of aortic obstruction. 2. coarctation of the aorta (ab), Weyman, Arthur E.; Caldwell, Randall L.; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie, **128:** 281, 1978
detection of aortic insufficiency by pulse Doppler echocardiography (ab), Ward, Jonathan M.; Baker, Donald W.; Rubenstein, Simeon A.; Johnson, Steve L., **126:** 842, 1978
echocardiographic assessment of left ventricular filling and septal and posterior wall dynamics in idiopathic hypertrophic subaortic stenosis (ab), St. John Sutton, Martin G.; Tajik, Abdul J.; Gibson, Derek G.; Brown, David J.; Seward, James B.; Giuliani, Emilio R., **128:** 282, 1978
echocardiographic diagnosis of dilatation of the ascending aorta using right parasternal scanning, D'Cruz, Ivan A.; Jain, Dharam P.; Hirsch, Leroy; Levinsky, Richard; Cohen, Howard C.; Glick, Gerald, **129:** 465, 1978
echocardiographic features of combined membranous subaortic stenosis and acquired calcific aortic valvulopathy (ab), Hess, Paul G.; Nanda, Navin C.; DeWeese, James A.; Reeves, William C.; Gramiak, Raymond, **127:** 570, 1978
echocardiographic manifestations of ruptured aortic valvular leaflets in the absence of valvular vegetations (ab), Das, Gopal; Lee, C. C.; Weissler, A. M., **126:** 840, 1978
echocardiographic recognition of silent aortic root dilatation in Marfan's syndrome (ab), Come, Patricia C.; Bulkley, Bernadine H.; McKusick, Victor A.; Fortuin, Nicholas J., **127:** 571, 1978
oscillation of left ventricular structures in aortic regurgitation (ab), Johnson, Allen D.; Gosink, Barbara B., **126:** 842, 1978
treatment of acute aortic insufficiency with sodium nitroferricyanide: documentation of beneficial effect by noninvasive means (ab), Warner, Robert A.; Bowser, Michael; Zuehlke, Stephen; Mookherjee, Sakti; Obeid, Anis I., **126:** 840, 1978
two-dimensional echoaortocardiographic approach to dissecting aneurysms of the aorta to prevent false-positive diagnoses, Matsumoto, Masayuki; Matsuo, Hirohide; Ohara, Tatsuhiko; Yoshioka, Yukio; Abe, Hiroshi, **127:** 491, 1978
Aortic Arch
See Aorta
Aortic valve, abnormalities
familial study of hypertrophic cardiomyopathy and congenital aortic valve disease (ab), Feizi, Ozgen; Farrer-Brown, Geoffrey; Emanuel, Richard, **128:** 860, 1978
Aortic valve, calcification
echocardiographic features of combined membranous subaortic stenosis and acquired calcific aortic valvulopathy (ab), Hess, Paul G.; Nanda, Navin C.; DeWeese, James A.; Reeves, William C.; Gramiak, Raymond, **127:** 570, 1978
Aortic valve, diseases
lethal obstruction by aortic valvular vegetation: echocardiographic studies of endocarditis without apparent aortic regurgitation (ab), Pease, Howard F.; Matsumoto, Stewart; Cacchione, Robert J.; Richards, Kent L.; Leach, John K., **128:** 860, 1978
Aortic valve, prostheses
CT detection of infected synthetic grafts: preliminary report of a new sign, Haaga, John R.; Baldwin, G. Nicholas; Reich, Norbert E.; Beven, Edwin; Kramer, Albrecht; Weinstein, Allan; Havrilla, Thomas R.; Seidelmann, Frank E.; Namba, Al H.; Parrish, Charles M., (AJR), **131:** 317, 1978
echocardiographic features of the normal and malfunctioning porcine xenograft valve (ab), Chandraratna, P. A. N.; San Pedro, S. B., **129:** 860, 1978
Aortic valve, rupture
echocardiographic diagnosis of ruptured aortic valve leaflet in bacterial endocarditis (ab), Ramirez, Jairo; Guardiola, Juan; Flowers, Nancy C., **128:** 281, 1978
Aortic valve, stenosis
critical aortic stenosis in neonates, Broderick, Thomas W.; Higgins, Charles B.; Guthaner, Diana F.; Friedman, William F.; Stevenson, James G.; French, James W., **129:** 393, 1978
hemodynamic correlates of echocardiographic aortic root motion: observations on normal subjects and patients with idiopathic hypertrophic subaortic stenosis (ab), Chandraratna, Premindra A. N.; Chu, Weikom; Schechter, Eliot; Langevin, Eugene, **129:** 858, 1978
Aortic valve, ultrasound studies
early systolic closure of the aortic valve in patients with hypertrophic subaortic stenosis and discrete subaortic stenosis: correlation with preoperative and postoperative hemodynamics (ab), Krajcer, Zvonimir; Orzan, Fulvio; Pechacek, Leonard W.; Garcia, Efrain; Leachman, Robert D., **128:** 860, 1978
echocardiographic diagnosis of ruptured aortic valve leaflet in bacterial endocarditis (ab), Ramirez, Jairo; Guardiola, Juan; Flowers, Nancy C., **128:** 281, 1978
echocardiographic manifestations of annulo-aortic ectasia: its "paradoxical" motion of the aorta and premature systolic closure of the aortic valve (ab), Atsuchi, Yoshihiko; Nagai, Yasuo; Komatsu, Yukio; Nakamura, Kenji; Shibuya, Minoru; Hirosawa, Koshichiro, **128:** 571, 1978
familial study of hypertrophic cardiomyopathy and congenital aortic valve disease (ab), Feizi, Ozgen; Farrer-Brown, Geoffrey; Emanuel, Richard, **128:** 860, 1978
fine flutterings of the aortic valve as demonstrated by aortic valve echocardiograms (ab), Pinto, Edward R.; Damani, Prabodh M.; Sternberg, Cora N.; Liedtke, A. James, **129:** 859, 1978
hemodynamic correlates of echocardiographic aortic root motion: observations on normal subjects and patients with idiopathic hypertrophic subaortic stenosis (ab), Chandraratna, Premindra A. N.; Chu, Weikom; Schechter, Eliot; Langevin, Eugene, **129:** 858, 1978

lethal obstruction by aortic valvular vegetation: echocardiographic studies of endocarditis without apparent aortic regurgitation (ab), Pease, Howard F.; Matsumoto, Stewart; Cacchione, Robert J.; Richards, Kent L.; Leach, John K., **128:** 860, 1978
relationship between aortic valve closure and aortic root motion: echocardiographic study, Reeves, William C.; Nanda, Navin C.; Gramiak, Raymond, **127:** 751, 1978

Aortography
See also other procedures, as Abdominal angiography; and under diseases, organs, and regions, as Aneurysm; Aorta

Aortography, contrast media
choosing a contrast material for aortofemoral runoff angiography, Holder, John C.; Dalrymple, Glenn V., **128:** 787, 1978

Aortography, instrumentation
use of a curved multi-hole catheter for abdominal and femoral arteriography, Kogutt, Marvin S.; Jander, H. P., **128:** 817, 1978

Aortography, technique
right posterior oblique: projection of choice in aortography of hypertensive patients, Gerlock, Jr., A. James; Goncharenko, Victor; Sloan, Oplis M., **127:** 45, 1978

Apophyseal joint
See Spine

Appendicitis
acute appendicitis with abscess simulating carcinoma of the sigmoid, Halls, James M.; Meyers, Harvey I., (AJR), **129:** 1057, 1977
barium enema: outpatient procedure in the early diagnosis of acute appendicitis (ab), Lewin, George A.; Mikity, Victor; Wingert, Willis A., **129:** 565, 1978
concomitant pneumonia and acute appendicitis in a child (ab), Baechli, D.; Braun, P., **129:** 561, 1978
pneumoperitoneum associated with perforated appendicitis (ab), Saebo, Arve, **129:** 857, 1978
radiological signs of acute appendicitis in infancy and childhood (ab), Isdale, Joy M., **128:** 855, 1978
radiologic diagnosis of appendicitis (ab), Fee, Jr., Henry J.; Jones, Peter C.; Kadell, Barbara; O'Connell, Theodore X., **126:** 835, 1978
radiologic evaluation of acute abdominal pain arising from the alimentary tract, Kelvin, Frederick M.; Rice, Reed P., (RCNA), **16:** 25, 1978

Aqueduct of Sylvius
aqueduct stenosis: case review and discussion (ab), McMillan, James J.; Williams, Bernard, **127:** 849, 1978

Arachnoid
See also Cisterns, subarachnoid; Meninges

Arachnoid, cysts
arachnoid cyst and associated subdural hematoma: observations on conventional roentgenographic and computerized tomographic diagnosis (ab), LaCour, Fritz; Trevor, Richard; Carey, Michael, **128:** 267, 1978
spinal arachnoid cysts in children, Duncan, Andrew W.; Hoare, Richard D., **126:** 423, 1978

Arachnoid, hemorrhage
sign of subarachnoid bleeding on cranial computed tomograms of pediatric head trauma patients, Dolinskas, Carol A.; Zimmerman, Robert A.; Bilaniuk, Larissa T., **126:** 409, 1978

Arachnoid, inflammation
changing pattern of spinal arachnoiditis (ab), Shaw, M. D. M.; Russell, J. A.; Grossart, K. W., **129:** 569, 1978
comparison of arachnoiditis produced by meglumine iocarmate and metrizamide myelography in an animal model, Haughton, Victor M.; Ho, Khang-Cheng; Larson, Sanford J.; Unger, George F.; Correa-Paz, Francisco, (AJR), **131:** 129, 1978
effect of hydration on the acute and chronic complications of aqueous myelography: experimental study, Eldevik, O. Petter; Haughton, Victor M., **129:** 713, 1978
ineffectiveness of prophylactic intrathecal methylprednisolone in myelography with aqueous media, Eldevik, O. Petter; Haughton, Victor M.; Ho, Khang-Cheng; Williams, Alan L.; Unger, George F.; Larson, Sanford J., **129:** 99, 1978
intraspinal arachnoiditis and hydrocephalus after lumbar myelography using methylglucamine iocarmate (ab), Jensen, T. Staehelin; Hein, O., **129:** 569, 1978
risk factors in complications of aqueous myelography, Eldevik, O. Petter; Haughton, Victor M., **128:** 415, 1978
severity of postmyelographic arachnoiditis and concentration of meglumine iocarmate in primates, Haughton, Victor M.; Ho, Khang-Cheng; Unger, George F.; Larson, Sanford J.; Williams, Alan L.; Eldevik, Petter, (AJR), **130:** 313, 1978
thecal deformity after lumbar myelography with iophendylate (Myodil) and meglumine iothalamate (Conray 280) (ab), Johnson, A. J.; Burrows, E. H., **129:** 281, 1978

Arachnoiditis
See Arachnoid, inflammation

Arachnoid, neoplasms
computed tomography in the follow-up of medulloblastomas and ependymomas, Enzmann, Dieter R.; Norman, David; Levin, Victor; Wilson, Charles; Newton, Thomas H., **128:** 57, 1978

Armed Forces Institute of Pathology
inflammatory fibroid polyp: RPC from the AFIP, Allman, Robert M.; Cavanagh, Richard C.; Helwig, Elson B.; Lichtenstein, Joel E., **127:** 69, 1978

Arnold-Chiari malformation
See Brain, abnormalities

Arteries
See also Aneurysm; Angiography; Arteriosclerosis; Embolism; Malformations, arteriovenous; Thrombosis; under specific blood vessels, as Aorta, coronary vessels; Renal arteries, etc.

Arteries, basilar
basilar artery ectasia demonstrated by computed tomography (L), Sacks, Joel G., **126:** 530, 1978
basilar artery ectasia demonstrated by computed tomography: reply (L), Duchesneau, Paul M., **126:** 530, 1978
basilar artery ectasia demonstrated by computed tomography: reply (L), Weinstein, Meredith A., **126:** 530, 1978
microsurgical anatomy of the upper basilar artery and the posterior circle of Willis (ab), Saeki, Naokatsu; Rhoton, Jr., Albert L., **126:** 832, 1978
traumatic aneurysm of the basilar artery, Bank, William O.; Nelson, Paul B.; Drayer, Burton P.; Wilkins, Robert H.; Rosenbaum, Arthur E., (AJR), **130:** 975, 1978

Arteries, brachial
angiography of intimal and intramural arterial injuries, Gerlock, Jr., Amil James; Mathis, John; Goncharenko, Victor; Maravilla, Ann, **129:** 357, 1978
noninvasive ultrasonic estimation of brachial artery blood flow (ab), Thomas, Jr., Paul A., **126:** 283, 1978

Arteries, bronchial
pulmonary steal syndrome: unusual case of coronary-bronchial pulmonary artery communication, Spindola-Franco, Hugo; Weisel, Arthur; Delman, Abner J., **126:** 25, 1978
treatment of massive hemoptysis by combined occlusion of pulmonary and bronchial arteries (ab), Bredin, Charles P.; Richardson, Paul R.; King, Thomas K. C.; Sniderman, Kenneth W.; Sos, Thomas A.; Smith, James P., **129:** 562, 1978

Arteries, calcification
small vessel calcification and its relationship to secondary hyperparathyroidism in the renal homotransplant patient, Peterson, Rebecca, **126:** 627, 1978

Arteries, carotid
See Carotid arteries

Arteries, celiac
deflation of a Sengstaken tube balloon facilitating catheterization of the celiac artery, Gordon, D. H.; Martin, E. C.; Kim, Y. H., **129:** 819, 1978
origin of the left gastric artery, Naidich, James B.; Naidich, Thomas P.; Sprayregen, Seymour; Hyman, Roger A.; Pudlowski, Rochelle M.; Stein, Harry L., **126:** 623, 1978

Arteries, cerebral
angiographic study of the temporal horn, Salamon, Georges; Lecaque, G. L.; Strother, Charles M., **128:** 387, 1978
internal carotid artery origins of the inferior cerebellar arteries, Haughton, Victor M.; Rosenbaum, Arthur E.; Pearce, Jan, (AJR), **130:** 1191, 1978

Arteries, choroidal
angiographic study of the temporal horn, Salamon, Georges; Lecaque, G. L.; Strother, Charles M., **128:** 387, 1978
choroidal artery to the fourth ventricle and its radiological significance, Kumar, Ashok J.; Naidich, Thomas P.; George, Ajax E.; Lin, Joseph P.; Kricheff, Irvin I., **126:** 431, 1978
sectorial optic atrophy and homonymous, horizontal sectoranopia: lateral choroidal artery syndrome? (ab), Frisen, L.; Holmegaard, L.; Rosencrantz, M., **129:** 558, 1978

Arteries, coronary
See Coronary vessels

Arteries, femoral
adjuvant intra-arterial lidocaine in aortofemoral arteriography: some further observations, Widrich, Warren C.; Robbins, Alan H.; Goldstein, Susan A.; Singer, Robert J., **129:** 371, 1978
angiography of intimal and intramural arterial injuries, Gerlock, Jr., Amil James; Mathis, John; Goncharenko, Victor; Maravilla, Ann, **129:** 357, 1978
fluoroscopic guidance in femoral artery puncture, Dotter, Charles T.; Rosch, Josef; Robinson, Manfred, **127:** 266, 1978

Arteries, hemorrhoidal
aneurysm of the superior hemorrhoidal artery: unusual cause of massive rectal bleeding (ab), Pond, Gerald D.; Ovitt, Theron W.; Witte, Charles L.; Farrell, Kevin, **126:** 279, 1978

Arteries, hepatic
arterial changes during treatment with intrahepatic arterial infusion of 5-fluorouracil, Forsberg, Lillemor; Hafstrom, Larsolof; Lunderquist, Anders; Sundqvist, Kaj, **126:** 49, 1978
balloon occlusion of segmental hepatic arteries: control of biopsy-induced hemobilia (ab), Dunnick, N. Reed; Doppman, John L.; Brereton, Harmar D., **128:** 276, 1978
carcinoid syndrome treated by hepatic embolization, Pueyo, I.; Jimenez, J. R.; Hernandez, J.; Brugarolas, A.; Garcia-Moran, M.; Garcia-Muniz, J. L.; Arroyo, F., (AJR), **131:** 511, 1978
complications of long term transbrachial hepatic arterial infusion chemotherapy, Clouse, Melvin E.; Ahmed, Rashid; Ryan, Rodney B.; Oberfield, Richard A.; McCaffrey, Joyce A., (AJR), **129:** 799, 1977
proximal versus peripheral hepatic artery embolization: experimental study in monkeys, Doppman, John L.; Girton, Mary; Kahn, E. Ronald, **128:** 577, 1978
vasopressin: route of administration and effects on canine hepatic and superior mesenteric arterial blood flows (ab), Kerr, John C.; Hobson, II, Robert W.; Seelig, Richard F.; Swan, Kenneth G., **128:** 566, 1978

Arteries, iliac
experimental internal iliac artery embolization: evaluation of low viscosity silicone rubber, isobutyl 2-cyanoacrylate, and carbon microspheres, Miller, Jr., Franklin J.; Rankin, Ronald S.; Gliedman, Jeffrey B.; Nakashima, Edwin, **129:** 51, 1978
external iliac artery fibrodysplasia, Walter, Joseph F.; Stanley, James C.; Mehigan, John T.; Reuter, Stewart R.; Guthaner, Diana F., (AJR), **131:** 125, 1978

Arteries, inflammation
intracranial involvement of giant-cell arteritis (ab), Enzmann, Dieter; Scott, William R., **128:** 268, 1978
transient emboligenic aortoarteritis: noteworthy new entity in young patients (ab), Wickremasinghe, Himansu R.; Peiris, Jayantha B.; Thenabadu, Pujitha N.; Sheriffdeen, Abdula H., **129:** 560, 1978

Arteries, innominate
buckling of the innominate artery simulating a right apical lung mass, Christensen, Edward E.; Landay, Michael J.; Dietz, Geral W.; Brinley, Gerald, (AJR), **131:** 119, 1978
tracheal compression by the innominate artery: angiographic investigation (ab), Dohlemann, C.; Mantel, K.; Dusch, T.; Buhlmeyer, K., **128:** 851, 1978

Arteries, left gastric
origin of the left gastric artery, Naidich, James B.; Naidich, Thomas P.; Sprayregen, Seymour; Hyman, Roger A.; Pudlowski, Rochelle M.; Stein, Harry L., **126:** 623, 1978

Arteries, mesenteric
detection of superior mesenteric artery aneurysm by radionuclide angiography: brief case report, Glass, Edwin C.; Hansen, Steven K.; Dublin, Arthur B.; Stadalnik, Robert C., **129:** 122, 1978
gangrene of the feet associated with mesenteric intraarterial vasopressin, Twiford, Jr., Thomas W.; Granmayeh, Masood; Tucker, Marilyn J., (AJR), **130:** 558, 1978
hemodynamic effects of superior mesenteric arterial and intravenous vasopressin infusions in patients with portal hypertension (ab), Kaufman, Stephen L.; Maddrey, Willis C.; Harrington, Donald P.; White, Jr., Robert I., **126:** 550, 1978
neoplastic pseudoaneurysm of the superior mesenteric artery, Marks, William M.; Jacobs, Richard P.; Clark, Robert E., **126:** 622, 1978

vasopressin: route of administration and effects on canine hepatic and superior mesenteric arterial blood flows (ab), Kerr, John C.; Hobson, II, Robert W.; Seelig, Richard F.; Swan, Kenneth G., **128:** 566, 1978

Arteries, nasal
nasal arteries, Osborn, Anne G., (AJR), **130:** 89, 1978

Arteries, occipital
occipital artery: anatomy—normal arteriographic aspects—embryological significance (ab), Lasjaunias, P.; Theron, J.; Moret, J., **129:** 557, 1978

Arteries, ophthalmic
angiographic ocular choroidal crescent: distortion with intraorbital and remote intracranial pathology (ab), Osborn, A. G.; Thurman, D. J.; Van Dyk, H. J. L., **129:** 558, 1978

Arteries, popliteal
gray scale ultrasound evaluation of popliteal artery aneurysms, Silver, Terry M.; Washburn, Ronald L.; Stanley, James C.; Gross, William S., (AJR), **129:** 1003, 1977

Arteries, pudendal
bleeding simulated by the distal internal pudendal artery stain, Schrumpf, John D.; Sommer, Graham; Jacobs, Richard P., (AJR), **131:** 657, 1978

Arteries, pulmonary
See Pulmonary arteries

Arteries, renal
See Renal arteries

Arteries, retinal
foreign body embolism of retinal arteries as a complication of carotid angiography (ab), Nehen, A.-M.; Damgaard-Jensen, L.; Hansen, P. E., **129:** 848, 1978

Arteries, sciatic
arteriomegaly of persistent sciatic arteries, Lea Thomas, M.; Blakeney, Charles G.; Browse, Norman L., **128:** 55, 1978

Arteries, spinal
intradural extramedullary spinal arterio-venous malformations fed by the anterior spinal artery (ab), Djindjian, M.; Djindjian, R.; Rey, A.; Hurth, M.; Houdart, R., **126:** 837, 1978

Arteries, splenic
hemosuccus pancreaticus (hemoductal pancreatitis): gastrointestinal hemorrhage due to rupture of a splenic artery aneurysm into the pancreatic duct (ab), Bivins, Brack A.; Sachatello, Charles R.; Chuang, Vincent P.; Brady, Patrick, **129:** 276, 1978

Arteries, subclavian
subclavian artery aneurysm: unique late complication of Blalock-Taussig anastomosis, McGahan, John P.; Bogren, Hugo G.; Foerster, James M.; Mason, Dean T., (AJR), **130:** 1181, 1978
subclavian artery as the first branch of the aortic arch: normal variant in two patients, Boechat, Maria Ines; Gilsanz, Vincente; Fellows, Kenneth E., (AJR), **131:** 721, 1978
venous-phase angiography in subclavian-steal syndrome, Nalbantgil, Istemi; Yigitbasi, Omer; Cagatay, Guven; Kilicioglu, Bulent; Atabay, Gurhun, **128:** 411, 1978

Arteries, temporal
intracranial involvement of giant-cell arteritis (ab), Enzmann, Dieter; Scott, William R., **128:** 268, 1978

Arteries, therapeutic blockade
carcinoid syndrome treated by hepatic embolization, Pueyo, I.; Jimenez, J. R.; Hernandez, J.; Brugarolas, A.; Garcia-Moran, M.; Garcia-Muniz, J. L.; Arroyo, F., (AJR), **131:** 511, 1978
catheter embolization of renal artery—alternative to preoperative radiotherapy of kidney tumors? (ab), Habighorst, L. V.; Kreutz, W.; Eilers, H.; Sparwasser, H. H.; Klug, B., **128:** 287, 1978
chronic vascular reactions to steel coil occlusion devices, Barth, Klemens H.; Strandberg, John D.; Kaufman, Stephen L.; White, Jr., Robert I., (AJR), **131:** 455, 1978
clinical use of transcatheter electrocoagulation, Miller, Michael D.; Johnsrude, Irwin S.; Limberakis, Anthony J.; Jackson, Donald C.; Pizzo, Salvatore; Thompson, William M., **129:** 211, 1978
nonsurgical treatment of splenic-artery aneurysms, Probst, Peter; Castaneda-Zuniga, W. R.; Gomes, Antoinette S.; Yonehiro, Earl G.; Delaney, John P.; Amplatz, Kurt, **128:** 619, 1978
transhepatic occlusion of bleeding esophageal varices in cirrhosis of the liver (ab), Deimer, E.; Funovics, J.; Muller, M., **128:** 566, 1978

Arteries, ultrasound studies
relationship between abnormal echocardiographic septal motion and myocardial perfusion in patients with significant obstruction of the left anterior descending artery (ab), Kolibash, Albert J.; Beaver, Brian M.; Fulkerson, Phillip K.; Khullar, Subhash; Leighton, Richard F., **127:** 286, 1978

Arteries, umbilical
false aneurysm of the descending aorta: complication of umbilical artery catheterization (ab), Spangler, John G.; Kleinberg, Frederic; Fulton, Richard E.; Barnhorst, Donald A.; Ritter, Donald G., **128:** 274, 1978

Arteries, uterine
simplified bilateral selective catheterization of the uterine artery, Mohri, Makoto; Hiramatsu, Kyoichi, **129:** 239, 1978

Arteries, vertebral
See Vertebral arteries
reversal of vertebral artery blood flow demonstrated by Doppler ultrasound (ab), Corson, John D.; Menzoian, James O.; LoGerfo, Frank W., **126:** 842, 1978

Arteries, vertebrobasilar
computed tomography of vertebrobasilar artery aneurysm (ab), Zimmerman, Robert A.; Bilaniuk, Larissa T., **128:** 849, 1978

Arteriosclerosis
See also under specific blood vessels, as Carotid arteries
abnormal peripheral distribution of thallium-201 due to arteriosclerosis, Glass, Edwin C.; DeNardo, Gerald L., (AJR), **131:** 718, 1978
evaluation of suspected deep venous thrombosis in the arteriosclerotic patient, Gordon, Ira J., (AJR), **131:** 531, 1978

Arteriovenous malformations
See Malformations, arteriovenous

Arteritis
See Arteries, inflammation; Cerebral blood vessels, inflammation

Arthritis
clinical forms of chronic arthritis in children (ab), Meyer, L.-N.; Garat, P.; Sorin, M.; Hayem, F.; Mozziconacci, P., **126:** 280, 1978
evolution and prognosis of systemic forms of chronic juvenile arthritis (ab), Meyer, L.-N.; Garat, P.; Sorin, M.; Hayem, F.; Mozziconacci, P., **126:** 280, 1978
hand changes in primary biliary cirrhosis, O'Connell, Denis J.; Marx, William J., **129:** 31, 1978
Reiter disease with atlanto-axial subluxation, Latchaw, Richard E.; Meyer, George W., **126:** 303, 1978
serous involvement in chronic arthritis in children (ab), Meyer, L.-N.; Garat, P.; Sorin, M.; Hayem, F.; Mozziconacci, P., **126:** 280, 1978

Arthritis, in infants and children
radionuclide imaging of septic joints and their differentiation from periarticular osteomyelitis and cellulitis in pediatrics (ab), Lisbona, Robert; Rosenthall, Leonard, **127:** 575, 1978

Arthritis, psoriatic
bony proliferation of terminal toe phalanges in psoriasis: "ivory" phalanx (ab), Resnick, Donald; Broderick, Thomas W., **127:** 853, 1978

Arthritis, rheumatoid
account of pleural effusions, pulmonary nodules and cavities attributable to rheumatoid disease (ab), Jones, J. Spencer, **128:** 852, 1978
carpal length in children—useful measurement in the diagnosis of rheumatoid arthritis and some congenital malformation syndromes, Poznanski, Andrew K.; Hernandez, Ramiro J.; Guire, Kenneth E.; Bereza, Ulana L.; Garn, Stanley M., **129:** 661, 1978
echocardiographic assessment of cardiac structure and function in patients with rheumatoid arthritis (ab), MacDonald, Jr., William J.; Crawford, Michael H.; Klippel, John H.; Zvaifler, Nathan J.; O'Rourke, Robert A., **128:** 283, 1978
gray scale ultrasound in the evaluation of rheumatoid arthritis of the knee, Cooperberg, Peter L.; Tsang, Iian; Truelove, Leslie; Knickerbocker, W. James, **126:** 759, 1978
juvenile rheumatoid arthritis with cardiac tamponade (ab), Majied, H. A.; Kvasnicka, J., **129:** 857, 1978
knee joint bursal abnormalities in rheumatoid arthritis (ab), Pastershank, S. P.; Mitchell, D. M., **127:** 852, 1978
'pre-erosive' radiologic signs of rheumatoid arthritis in soft tissue radiography of the hands (ab), Makela, P.; Virtama, P., **129:** 281, 1978
relationship between HLA-B27 positive peripheral arthritis and sacroiliitis, Sebes, Jeno I.; Nasrallah, Nabil S.; Rabinowitz, Jack G.; Masi, Alfonse T., **126:** 299, 1978
rheumatoid arthritis and its variants: analysis of scintiphotographic, radiographic, and clinical examinations, Weissberg, D. L.; Resnick, D.; Taylor, A.; Becker, M.; Alazraki, N., (AJR), **131:** 665, 1978
sternal destruction in rheumatoid arthritis (ab), Perrin, Ronald L.; Poller, William R.; Perkins, D. Garth, **127:** 281, 1978
subchondral pseudocysts in rheumatoid arthritis, Rennell, Charles; Mainzer, Frank; Multz, Carter V.; Genant, Harry K., (AJR), **129:** 1069, 1977

Arthritis, septic
arthrographic findings in septic arthritis of the hip in infants, Glassberg, Gerald B.; Ozonoff, M. B., **128:** 151, 1978
pneumoarthropathy: unusual radiographic sign of Gram-negative septic arthritis, Meredith, Hubert C.; Rittenberg, Gerald M., **128:** 642, 1978
radionuclide imaging of septic joints and their differentiation from periarticular osteomyelitis and cellulitis in pediatrics (ab), Lisbona, Robert; Rosenthall, Leonard, **127:** 575, 1978

Arthrography
See also under names of specific joints, as Ankle; Hip; Wrist; Knee
simultaneous arthrography of the talocrural and talonavicular joints in children: III. measurements on normal feet (ab), Hjelmstedt, Ake; Sahlstedt, Bo, **128:** 279, 1978

Arthrography, contrast media
arthrography of the knee joint with Amipaque (ab), Johansen, J. G.; Killeas, F. G.; Nordshus, T., **128:** 279, 1978

Arthrography, indications
spontaneous osteonecrosis of the knee and medial meniscal tears, Norman, Alex; Baker, Nancy D., **129:** 653, 1978

Arthrography, technique
double-contrast shoulder arthrogram: review of 158 studies, Goldman, Amy Beth; Ghelman, Bernard, **127:** 655, 1978
easy method to demonstrate the cruciate ligaments by double contrast arthrography, Pavlov, Helene; Freiberger, Robert H., **126:** 817, 1978
modified technique for needle localization in arthrography of the shoulder, Wills, John S.; Diznoff, S. Barry, **128:** 830, 1978

Asbestos
pleural plaques: signpost of asbestos dust inhalation, Sargent, E. Nicholas; Jacobson, George; Gordonson, Jay S., (SR), **12:** 287, 1977

Asbestosis
bilateral pleural thickening: manifestation of asbestos dust exposure, Sargent, E. Nicholas; Gordonson, Jay; Jacobson, George; Birnbaum, William; Shaub, Michael, (AJR), **131:** 579, 1978
peritoneal mesothelioma, Banner, Marc P.; Gohel, Vijay K., **129:** 637, 1978

Ascites
ascitic fluid in the anterior paravesical fossa: misleading appearance on CT scans, Callen, Peter W.; Filly, Roy A.; Korobkin, Melvyn, (AJR), **130:** 1176, 1978
radiologic investigation of bloody ascites, Kagan, A. Robert; Steckel, Richard J., (AJR), **131:** 697, 1978

Aspergillosis
allergic bronchopulmonary aspergillosis in three patients with normal chest x-ray films (ab), Rosenberg, Michael; Mintzer, Richard; Aaronson, Donald W.; Patterson, Roy, **127:** 277, 1978
miliary aspergillosis associated with alcoholism, Blum, Jeffrey; Reed, James C.; Pizzo, Salvatorie V.; Thompson, William M., (AJR), **131:** 707, 1978
patho-radiologic correlation of invasive pulmonary aspergillosis in the compromised host (ab), Orr, Donald P.; Myerowitz, Richard L.; Dubois, Philip J., **129:** 278, 1978
pleural aspergillosis, Meredith, Hubert C.; Cogan, Brad M.; McLaulin, Bryce, (AJR), **130:** 164, 1978
spectrum of radiologic findings in allergic bronchopulmonary aspergillosis, Mintzer, Richard A.; Rogers, Lee F.; Kruglik, Gerald D.; Rosenberg, Michael; Neiman, Harvey L.; Patterson, Roy, **127:** 301, 1978
strontium-87m lung scans in pulmonary aspergillosis, Rohatgi, Prashant K.; Simon, David B.; Goldstein, Robert A.; Reba, Richard C., (AJR), **129:** 879, 1977

Asthma
cardiac tamponade and peripheral eosinophilia in a patient receiving cromolyn sodium (ab), Slater, Eve E., **129:** 283, 1978
radiologic findings in acute childhood asthma (ab), Gillies, John D.; Reed, Martin H.; Simons, F. Estelle R., **129:** 561, 1978

Astrocytoma
See also Brain neoplasms

computed tomography in the diagnosis of spinal cord astrocytoma (ab), Handel, Stanley; Grossman, Robert; Sarwar, Mohammed, **129:** 281, 1978
Ataxia
hypertrophic cardiomyopathy: heart disease of Friedreich's ataxia (ab), Smith, Eldon R.; Sangalang, Virgilio E.; Heffernan, LeRoy P.; Welch, J. Philip; Flemington, C. Susan, **127:** 572, 1978
Atelectasis
See Lungs, collapse
Atherosclerosis
See Arteriosclerosis
Athletics
echocardiographic findings in trained athletes (ab), Howald, H.; Maire, R.; Heierli, B.; Follath, F., **127:** 570, 1978
echocardiographic study of cardiac dimensions and function in the endurance-trained athlete (ab), Gilbert, Charles A.; Nutter, Donald O.; Felner, Joel M.; Perkins, John V.; Heymsfield, Steven B.; Schlant, Robert C., **126:** 842, 1978
noninvasive cardiac evaluation of long-distance runners (ab), Parker, Brent M.; Londeree, Ben R.; Cupp, Gerald V.; Dubiel, Jerzy P., **128:** 573, 1978
Atlas and axis
See also Spine
fracture of the odontoid process in young children (ab), Seimon, Leonard P., **127:** 854, 1978
little-known osseous malformation of the cervico-occipital region: fusion of the anterior arch of the atlas and the body of the axis (ab), Wackenheim, A., **126:** 554, 1978
Reiter disease with atlanto-axial subluxation, Latchaw, Richard E.; Meyer, George W., **126:** 303, 1978
traumatic atlanto-occipital dislocation (ab), Zilch, H., **127:** 281, 1978
Atlas and axis, neoplasms
cervical cord compression by solitary osteochondroma of the atlas (ab), Julien, J.; Riemens, V.; Vital, Cl.; Lagueny, A.; Miet, G., **129:** 569, 1978
Atomic bomb and atomic energy
breast cancer incidence among atomic bomb survivors, Hiroshima and Nagasaki, 1950–1969 (ab), McGregor, D. H.; Land, C. E.; Choi, K.; Tokuoka, S.; Liu, P. I.; Wakabayashi, T.; Beebe, G. W., **126:** 287, 1978
Atrial septal defect
association between atrial septal defect and prolapse of the tricuspid valve: echocardiographic study (ab), Chandraratna, P. A. N.; Littman, B. B.; Wilson, D., **129:** 284, 1978
echocardiographic diagnosis of atrial septal aneurysm in an infant with hypoplastic right heart syndrome (ab), Sahn, David J.; Allen, Hugh D.; Anderson, Robert; Goldberg, Stanley J., **128:** 282, 1978
echocardiographic differentiation of partial and complete atrioventricular canal (ab), Bass, John L.; Bessinger, Jr., F. Blanton; Lawrence, Cheryl, **129:** 284, 1978
echocardiography in Lutembacher's syndrome (ab), Quash, Joseph A.; Davia, James E.; deCastro, Carlos M.; Bowen, Thomas E.; Green, David C., **127:** 572, 1978
quantitative radionuclide angiocardiography in animals with experimental atrial septal defects (ab), Alderson, Philip O.; Guadiani, Vincent A.; Watson, Donald C.; Mendenhall, Karl G.; Donovan, Richard C., **128:** 861, 1978
two-dimensional echocardiographic findings in atrial septal defect (ab), Lieppe, William; Scallion, Ralph; Behar, Victor S.; Kisslo, Joseph A., **126:** 840, 1978
Atrium
See Heart
Aurelius, J. Richards
(obit), **126:** 825, 1978

B

Baker cyst
See Knee
Balloons
See Aorta; Catheters and Catheterization; Embolism, therapeutic; Heart
Barium
duodenal barium aggregates from carcinoma of the pancreas (ab), Wigh, Russell E.; McDowell, L. Jane, **127:** 564, 1978
in vivo and *in vitro* assessment of barium sulphate suspensions (ab), Roberts, G. M.; Roberts, E. E.; Davies, R. Li; Evans, K. T., **127:** 567, 1978
reexamination of the deleterious effects of gastrointestinal contrast material on abdominal echography, Sarti, Dennis A.; Lazere, Andrew, **126:** 231, 1978
Barium-enema examination
acute gastrointestinal hemorrhage: changing role of barium examinations, Oddson, Terrence A.; Johnrude, Jr., Irwin S.; Jackson, Donald C.; Rice, Reed P., (RCNA), **16:** 123, 1978
barium enema in the high-risk carcinoma patient—epilogue (L), Miller, Roscoe E., **127:** 271, 1978
barium enema: outpatient procedure in the early diagnosis of acute appendicitis (ab), Lewin, George A.; Mikity, Victor; Wingert, Willis A., **129:** 565, 1978
barium granuloma of the rectum (ab), Broadfoot, E.; Martin, G., **127:** 284, 1978
Crohn's disease of the small bowel examined by double contrast technique: comparison with the oral technique (ab), Ekberg, Olle, **126:** 277, 1978
double contrast barium enema in Crohn's disease and ulcerative colitis, Kelvin, Frederick M.; Oddson, Terrence A.; Rice, Reed P.; Garbutt, John T.; Bradenham, Ben P., (AJR), **131:** 207, 1978
double contrast examination of the small bowel (ab), Ekberg, Olle, **126:** 277, 1978
double-contrast radiography of the small intestine (ab), Clement, J. P.; Burelle, H.; Corbeau, A.; Colleter, J. F., **126:** 553, 1978
electrocardiographic changes occurring during barium enema: protective action of beta blockers (ab), Yigitbasi, O.; Sari, S.; Kilicciogly, B.; Nalbantgil, I., **128:** 858, 1978
high density, low viscosity barium for fine mucosal detail on double-contrast upper gastrointestinal examinations, Gelfand, David W., (AJR), **130:** 831, 1978
linear shadows in the air-contrast barium enema, Ho, Chia-Sing; Rubin, Eva, **127:** 621, 1978
manitoba barium enema efficacy study, MacEwan, Douglas W.; Kavanagh, Steven; Chow, Peter; Tishler, Jack M., **126:** 39, 1978
thinner, more flexible enema tip for the primary double-contrast colon examination, Gold, Richard Palmer, **129:** 244, 1978
Barium-enema examination, complications
bacteremia during barium enema study, Butt, James; Hentges, David; Pelican, George; Henstorf, Harold; Haag, Thomas; Rolfe, Rial; Hutcheson, David, (AJR), **130:** 715, 1978
Barium-enema examination, indications
barium duodenography as an adjunct to percutaneous transhepatic cholangiography, Jaques, Paul F.; Bream, Charles A., (AJR), **130:** 693, 1978
Barium-enema examination, technique
barium enema: reassessment looking toward perfection, Peterson, Gary H.; Miller, Roscoe E., **128:** 315, 1978
drainage of the rectum: simple maneuver to improve the accuracy of colon examinations, Miller, Roscoe E.; Peterson, Gary H., **128:** 506, 1978
modifed technique for the double-contrast small bowel enema (ab), Herlinger, Hans, **129:** 564, 1978
state of radiographic technique in the examination of the colon: survey, Thoeni, Ruedi F.; Margulis, Alexander R., **127:** 317, 1978
Barret syndrome
See Esophagus, abnormalities
Basal ganglia
calcification of basal ganglia and cerebellar roof nuclei in mentally defective patient with hidrotic ectodermal dysplasia: analysis of intracranial concretions by electron microprobe (ab), Copeland, Dana D.; Lamb, William A.; Klintworth, Gordon K., **129:** 275, 1978
Battered child syndrome
See Children, injuries
BCG
pulmonary granulomas induced by BCG (ab), Au, Francis C.; Webber, Bruce; Rosenberg, Steven A., **129:** 562, 1978
Beatty, Samuel Richard
(obit), **128:** 515, 1978
Beckwith-Wiedemann syndrome
See Gigantism
Behcet disease
colitis in Behcet's syndrome: two new cases, Goldstein, Steven J.; Crooks, David J. Mackenzie, **128:** 321, 1978
neuro-Behcet disease: two cases and neuroradiologic findings (ab), Kozin, Franklin; Haughton, Victor; Bernhard, Gerson C., **129:** 274, 1978
recurrent pneumonia in Behcet's syndrome: roentgenographic documentation during 13 years (ab), Petty, Thomas L.; Scoggin, Charles H.; Good, James T., **128:** 273, 1978
Beryllium
reversible respiratory disease in beryllium workers (ab), Sprince, Nancy L.; Kanarek, David J.; Weber, Alfred L.; Chamberlin, Richard I.; Kazemi, Homayoun, **129:** 279, 1978
Beta-glucuronidase deficiency
See Bones, primary metabolic abnormalities
Bile ducts
See also Gallbladder
computed tomographic diagnosis of obstructive jaundice in the absence of intrahepatic ductal dilatation, Shanser, Jon D.; Korobkin, Melvyn; Goldberg, Henry I.; Rohlfing, Barbara M., (AJR), **131:** 389, 1978
Bile ducts, abnormalities
congenital dilatation of the intrahepatic bile ducts (Caroli's disease), Lucaya, Javier; Gomez, Jose Luis; Molino, Ceferino; Atienza, Juan Gonzalez, **127:** 746, 1978
hepatic scintigraphy in Caroli's disease, Sty, John R.; Sullivan, Phyllis; Wagner, Richard; Starshak, Robert J., **127:** 732, 1978
Bile ducts, biopsy
postoperative biopsy of the common bile duct via the T-tube tract, Palayew, Max J.; Stein, Lawrence, (AJR), **130:** 287, 1978
Bile ducts, calculi
intrahepatic cystic bile duct dilatations and stone formation: new case of Caroli's disease (ab), Mathias, K.; Waldmann, D.; Daikeler, G.; Kauffmann, G., **128:** 567, 1978
intrahepatic pigment stones: Asian disease diagnosed with retrograde cholangiography (ab), Johnson, Lawrence F.; Walta, Douglas C., **129:** 564, 1978
operative cholangiography and overlooked stones (ab), Corlette, Jr., Marvin B.; Schatzki, Stefan; Ackroyd, Frederick, **129:** 276, 1978
Bile ducts, cirrhosis
hand changes in primary biliary cirrhosis, O'Connell, Denis J.; Marx, William J., **129:** 31, 1978
Bile ducts, cysts
intrahepatic cystic bile duct dilatations and stone formation: new case of Caroli's disease (ab), Mathias, K.; Waldmann, D.; Daikeler, G.; Kauffmann, G., **128:** 567, 1978
Bile ducts, dilatation
congenital dilatation of the intrahepatic bile ducts (Caroli's disease), Lucaya, Javier; Gomez, Jose Luis; Molino, Ceferino; Atienza, Juan Gonzalez, **127:** 746, 1978
gray-scale ultrasound of biliary tract disease: correlative study with percutaneous transhepatic cholangiography (ab), Cooperberg, P.; Ayre-Smith, G.; Garrow, D. G., **128:** 283, 1978
hepatic scintigraphy in Caroli's disease, Sty, John R.; Sullivan, Phyllis; Wagner, Richard; Starshak, Robert J., **127:** 732, 1978
Bile ducts, diseases
cholangiographic abnormalities in patients with inflammatory bowel disease, Rohrmann, Jr., Charles A.; Ansel, Howard J.; Freeny, Patrick C.; Silverstein, Fred E.; Protell, Robert L.; Fenster, L. Frederick; Ball, Terrence; Vennes, Jack A.; Silvis, Stephen E., **127:** 635, 1978
intrahepatic cystic bile duct dilatations and stone formation: new case of Caroli's disease (ab), Mathias, K.; Waldmann, D.; Daikeler, G.; Kauffmann, G., **128:** 567, 1978
thin needle cholangiography: experience with 50 patients (ab), Goldstein, Leonard I.; Kadell, Barbara M.; Weiner, Marvin, **127:** 851, 1978
Bile ducts, gas in
gas in the bile ducts (pneumobilia) in emphysematous cholecystitis, Harley, William D.; Kirkpatrick, Robert H.; Ferrucci, Jr., Joseph T., (AJR), **131:** 661, 1978
Bile ducts, hemorrhage
hemobilia: treatment by arterial embolization (ab), Roche, A.; Doyon, D.; Harry, G.; Benozio, M., **129:** 278, 1978
Bile ducts, inflammation
cholangiographic abnormalities in ulcerative colitis associated pericholangitis which resemble sclerosing cholangitis (ab), Blackstone, Michael O.; Nemchausky, Bernard A., **129:** 853, 1978
Bile ducts, neoplasms
fluoroscopic replacement of a choledochal U-tube using a steerable catheter, Janes, Jefferson O.; McClelland, Robert, **128:** 828, 1978

radiotherapy of carcinomas of the extrahepatic biliary system, Pilepich, Miljenko V.; Lambert, Peter M., **127:** 767, 1978

Bile ducts, obstruction
cholangiographic appearance of the intrahepatic bile ducts (ab), Wojtowicz, J.; Karwowski, A., **127:** 564, 1978
granulomatous biliary obstruction due to sarcoidosis: report of a case and review of the literature (ab), Bloom, Robert; Sybert, Allender; Mascatello, V. J., **128:** 853, 1978
gray-scale ultrasound of biliary tract disease: correlative study with percutaneous transhepatic cholangiography (ab), Cooperberg, P.; Ayre-Smith, G.; Garrow, D. G., **128:** 283, 1978
high-resolution real-time ultrasound in the evaluation of the normal and obstructed biliary tract, Cooperberg, Peter L., **129:** 477, 1978
new cholangiographic sign of common bile duct obstruction: initial opacification of intrahepatic ducts, Black, Edward B.; Ferrucci, Jr., Joseph T., (AJR), **130:** 61, 1978
obstructive jaundice caused by hepatocellular carcinoma: report of three cases (ab), Afroudakis, A.; Bhuta, S. M.; Ranganath, K. A.; Kaplowitz, N., **129:** 853, 1978
therapeutic applications of catheter cholangiography, Ring, Ernest J.; Oleaga, Juan A.; Freiman, David B.; Husted, James W.; Lunderquist, Anders, **128:** 333, 1978

Bile ducts, physiology
dependence of the biliary excretion of iopanoic acid on bile salts (ab), Loeb, Peter M.; Barnhart, James L.; Berk, Robert N., **128:** 275, 1978

Bile ducts, radiography
radiology of the gallbladder and bile ducts. section 22 of Golden's diagnostic radiology (bk rev), Hatfield, Philip M.; Wise, Robert E., Reviewed by Laufer, Igor, **126:** 618, 1978

Bile ducts, radionuclide studies
clinical evaluation of Tc-99m-diethyl-IDA in hepatobiliary disorders (ab), Pauwels, S.; Steels, M.; Piret, L.; Beckers, C., **129:** 575, 1978
comparative study of intravenous cholangiography and ^{99m}Tc-pyridoxylideneglutamate in patients with hepatobiliary disease (ab), Stadalnik, Robert C.; Rosenquist, C. John, **127:** 574, 1978
diagnosis of hepatobiliary disease by ^{99m}Tc-HIDA cholescintigraphy, Rosenthall, L.; Shaffer, E. A.; Lisbona, R.; Pare, P., **126:** 467, 1978
experimental and clinical trials of new ^{99m}Tc-labeled hepatobiliary agents, Wistow, Brian W.; Subramanian, Gopal; Gagne, George M.; Henderson, Robert W.; McAfee, John G.; Hall, Robert C.; Grossman, Zachary D., **128:** 793, 1978
hepatic scintigraphy in Caroli's disease, Sty, John R.; Sullivan, Phyllis; Wagner, Richard; Starshak, Robert J., **127:** 732, 1978
hepato-biliary scintigraphy and hepatography with 99mTc diethyl-acetanilido-iminodiacetate in obstructive jaundice (ab), Nielsen, S. Pors; Trap-Jensen, J.; Lindenberg, J.; Nielsen, M. Lykkegard, **129:** 285, 1978
role of biliary scanning in the investigation of the surgically jaundiced patient (ab), Williams, J. A. R.; Baker, R. J.; Walsh, J. F.; Marion, M. A., **126:** 286, 1978

Bile ducts, size
normal cholangiogram (ab), Lasser, R. B.; Silvis, S. E.; Vennes, J. A., **129:** 853, 1978

Bile ducts, stenosis
role of caerulein in the differential diagnosis of common-bile-duct stenosis, Monti, Carlo; Baraldi, Gian Piero; Malagola, Claudio; Ermini, Giuliano; Mattei, Marzio, **129:** 611, 1978
transhepatic dilatation of choledochoenterostomy strictures, Molnar, William; Stockum, Alfred E., **129:** 59, 1978

Bile ducts, stone extraction
modified T-tube for use after nonoperative biliary stone removal, Russell, Edward; Koolpe, Harvey A., **129:** 237, 1978
percutaneous forceps extraction of retained biliary tract calculi (ab), Fotopoulus, John P.; Caprini, Joseph A., **126:** 279, 1978
ultrasonic fragmentation of large residual biliary tract stone (ab), Bean, William J.; Davies, Hywel; Barnes, Frank, **126:** 843, 1978

Bile ducts, ultrasound studies
accuracy of biliary duct ultrasound: comparison with cholangiography, Neiman, Harvey L.; Mintzer, Richard A., (AJR), **129:** 979, 1977
capability of CT body scanning and ultrasonography to demonstrate the status of the biliary ductal system in patients with jaundice, Goldberg, Henry I.; Filly, Roy A.; Korobkin, Melvyn; Moss, Albert A.; Kressel, Herbert Y.; Callen, Peter W., **129:** 731, 1978
evaluation of ultrasound in the diagnosis of acute and chronic biliary tract disease (ab), Thal, Erwin R.; Weigelt, John; Landay, Michael; Conrad, Melvyn, **128:** 574, 1978
gray-scale ultrasonography and thin-needle cholangiography: evaluation in the jaundiced patient (ab), Goldstein, Leonard I.; Sample, William F.; Kadell, Barbara M.; Weiner, Marvin, **126:** 557, 1978
gray-scale ultrasonography of the jaundiced patient, Sample, W. Frederick; Sarti, D. A.; Goldstein, L. I.; Weiner, M.; Kadell, B. M., **128:** 719, 1978
gray-scale ultrasound of biliary tract disease: correlative study with percutaneous transhepatic cholangiography (ab), Cooperberg, P.; Ayre-Smith, G.; Garrow, D. G., **128:** 283, 1978
grey-scale ultrasonography in the differential diagnosis of jaundice (ab), Taylor, Kenneth J. W.; Rosenfield, Arthur T., **126:** 557, 1978
high-resolution real-time ultrasound in the evaluation of the normal and obstructed biliary tract, Cooperberg, Peter L., **129:** 477, 1978
sonographic "parallel channel" sign of biliary tree enlargement in mild to moderate obstructive jaundice, Conrad, Melvyn R.; Landay, Michael J.; Janes, Jefferson O., (AJR), **130:** 279, 1978
sonography of the common bile duct: value of the right anterior oblique view, Behan, Michael; Kazam, Elias, (AJR), **130:** 701, 1978
ultrasonic fragmentation of large residual biliary tract stone (ab), Bean, William J.; Davies, Hywel; Barnes, Frank, **126:** 843, 1978
ultrasonic study of the normal and dilated biliary tree: "shotgun" sign, Weill, Francis; Eisencher, Albert; Zeltner, Francois, **127:** 221, 1978
ultrasonographic identification of dilated intrahepatic bile ducts and their differentiation from portal venous structures (ab), Laing, Faye C.; London, Linda A.; Filly, Roy A., **129:** 573, 1978

Biliary ducts
See Bile ducts

Biliary tract
See Bile ducts; Gallbladder; Liver

Billroth II stomach
See Stomach, surgery

Biopsies
See also under specific organs, as Lungs
transcatheter brush biopsy of intravenous tumor thrombi, Mills, Steven R.; Doppman, John L.; Head, Gordon L.; Javadpour, Nasser; Brennan, Murray F.; Chu, Elizabeth W., **127:** 667, 1978

Biopsies, complications
angiographic abnormalities following needle biopsy of the liver (ab), Cremniter, D.; Chatel, A.; Bigot, J. M.; Lacombe, P.; Helenon, Ch., **128:** 276, 1978
balloon occlusion of segmental hepatic arteries: control of biopsy-induced hemobilia (ab), Dunnick, N. Reed; Doppman, John L.; Brereton, Harmar D., **128:** 276, 1978
cerebral dye embolus: complication of selective bronchography following transbronchial biopsy (ab), Oldenburg, Jr., Frederick A.; Newhouse, Michael T., **129:** 278, 1978
exostosis after iliac bone marrow biopsy, Murphy, William A., (AJR), **129:** 1114, 1977

Biopsies, instrumentation
CT biopsy of abdominal tumors: aids for lesion localization, Ferrucci, Jr., Joseph T.; Wittenberg, Jack, **129:** 739, 1978
fluoroscopically guided thin needle aspiration biopsy of the abdomen and retroperitoneum, Pereiras, Raul V.; Meiers, Walter; Kunhardt, Bolivar; Troner, Michael; Hutson, Duane; Barkin, Jamie S.; Viamonte, Manuel, (AJR), **131:** 197, 1978
specially designed cutting aspiration needle for lung biopsy, Ballard, Gary L.; Boyd, Wayne R., (AJR), **130:** 899, 1978
technical considerations in B-mode scanning with an aspiration transducer, Yeh, En-Lin; Kronenwetter, Charles; Meade, Robert C.; Ruetz, Philip P., **129:** 527, 1978

Biopsies, technique
aspiration biopsies of chest lesions, Lalli, Anthony F.; McCormack, Lawrence J.; Zelch, Margaret; Reich, Norbert E.; Belovich, Doris, **127:** 35, 1978
brush biopsy of pyelocalyceal lesions *via* a percutaneous translumbar approach, Lang, Erich K.; Alexander, Robert; Barnett, Troy; Palomar, Juan; Hamway, Sammy, **129:** 623, 1978
computed tomography-guided biopsy. I. overview (ab), Haaga, John R.; Reich, Norbert E.; Havrilla, Thomas R.; Alfidi, Ralph J.; Meaney, Thomas F., **128:** 859, 1978
CT-assisted pelvic and abdominal aspiration biopsies in gynecological malignancy, Jacques, Paul F.; Staab, E.; Richey, W.; Photopulos, G.; Swanton, M., **128:** 651, 1978
CT biopsy of abdominal tumors: aids for lesion localization, Ferrucci, Jr., Joseph T.; Wittenberg, Jack, **129:** 739, 1978
fine needle aspiration biopsy in the diagnosis of mediastinal lesions, Rosenberger, Alexander; Adler, Olga, (AJR), **131:** 239, 1978
fluoroscopically guided thin needle aspiration biopsy of the abdomen and retroperitoneum, Pereiras, Raul V.; Meiers, Walter; Kunhardt, Bolivar; Troner, Michael; Hutson, Duane; Barkin, Jamie S.; Viamonte, Manuel, (AJR), **131:** 197, 1978
intracranial biopsy assisted by computerized tomography (ab), Maroon, Joseph C.; Bank, William O.; Drayer, Burton P.; Rosenbaum, Arthur E., **127:** 843, 1978
needle aspiration biopsy: critical appraisal. eight years and 3,267 specimens later (ab), Kline, Tilde S.; Neal, Hunter S., **128:** 280, 1978
percutaneous biopsy using a safe, effective needle, Arntson, Thomas L.; Boyd, Wayne R., **127:** 265, 1978
percutaneous needle biopsy of bone in the cancer patient, deSantos, Luis Alonso; Lukeman, John M.; Wallace, Sidney; Murray, John A.; Ayala, Alberto G., (AJR), **130:** 641, 1978
percutaneous punctures: new radiological skill (opin), Sanders, Roger C., **127:** 833, 1978
postoperative biopsy of the common bile duct via the T-tube tract, Palayew, Max J.; Stein, Lawrence, (AJR), **130:** 287, 1978
thin needle biopsy in the diagnosis of ureteral obstruction with malignancy (ab), Freiman, David B.; Ring, Ernest J.; Oleaga, Juan A.; Carpiniello, Victor C.; Wein, Alan J., **129:** 856, 1978

Bjork-Shiley valve
See Aortic valve, prostheses; Mitral valve, prostheses

Bladder
See also Genitourinary tract; Urinary tract; Urography
cerebrospinal fluid pseudocyst after urinary diversion (ab), Palomar, J. M.; Matthews, A.; Evans, B. B., **127:** 284, 1978
pear-shaped bladder caused by large iliopsoas muscles, Chang, Stanley F., **128:** 349, 1978
rectosigmoid pseudostenosis due to urinary retention, Kleinhaus, Uriel; Kaftori, Joseph, **127:** 645, 1978

Bladder, calcification
alkaline encrusting cystitis, Harrison, R. Brent; Stier, Frederick M.; Cochrane, J. Alan, (AJR), **130:** 575, 1978

Bladder, effects of irradiation
urologic complications of pelvic irradiation (ab), Dean, Richard J.; Lytton, Bernard, **128:** 288, 1978

Bladder, inflammation
alkaline encrusting cystitis, Harrison, R. Brent; Stier, Frederick M.; Cochrane, J. Alan, (AJR), **130:** 575, 1978

Bladder, neoplasms
accuracy of CT staging of bladder neoplasms using the gas-filled method: report of 21 patients with surgical confirmation, Seidelmann, Frank E.; Cohen, William N.; Bryan, Patrick J.; Temes, Sanford P.; Kraus, Dennis; Schoenrock, Gary, (AJR), **130:** 735, 1978
angiography in pheochromocytoma of the urinary bladder: report of a case (ab), Hietala, S.-O.; Texter, Jr., J. H.; Crane, D. B., **126:** 837, 1978
comparative study of two preoperative radiation regimens with cystectomy for bladder cancer (ab), Whitmore, Jr., W. F.; Batata, M. A.; Hilaris, B. S.; Reddy, G. N.; Unal, A.; Choneim, M. A.; Grabstald, H.; Chu, F., **126:** 845, 1978
computed tomographic staging of bladder neoplasms, Seidelmann, Frank E.; Cohen, William N.; Bryan, Patrick J., (RCNA), **15:** 419, 1977
eight years of experience with preoperative angiographic and lymphographic staging of bladder cancer (ab), Winterberger, A. R.; Wajsman, Z.; Merrin, C.; Murphy, G. P., **128:** 569, 1978

pelvic phlebography by injection of contrast medium into the profundal dorsal penis vein for evaluation of tumor spread in cancer of the urinary bladder and prostate (ab), Drosdovskij, B. J.; Zyb, A. F.; Duntschik, W. N., **126:** 838, 1978
radiation-induced bladder tumors (ab), Duncan, Ralph E.; Bennett, Dale W.; Evans, Arthur T.; Aron, Bernard S.; Schellhas, Helmut F., **126:** 288, 1978
staging of bladder tumors by means of transrectal ultrasonography (ab), Harada, Kuzuya; Igari, Dairoku; Tanahashi, Yoshikatsu; Watanabe, Hiroki; Saitoh, Masahito; Mishina, Teruo, **128:** 284, 1978

Bladder, obstruction
case of the fall season (diffuse neurofibromatosis with urinary obstruction, sacral invasion, and hypertension), Myers, H. S., (SR), **12:** 263, 1977

Bladder, radiation effects
bladder and intestinal injuries following radiation therapy of carcinoma of the uterine cervix (ab), Johnsson, J. E., **126:** 285, 1978

Bladder, radiography
measurement of vesicoureteral reflux with intravenous ^{99m}Tc-DTPA compared to radiographic cystography, Hedman, Per J. K.; Kempi, Viktor; Voss, Henrik, **126:** 205, 1978
urethrographic manifestations of venereal warts (condyloma acuminata), Pollack, Howard M.; DeBenedictis, Thomas J.; Marmar, Joel L.; Praiss, Donald E., **126:** 643, 1978
urinal artifact, Ramos, Alvaro J.; Watts, Jr., Frederick B.; Timmons, John W., **128:** 807, 1978
voiding cystourethrography in infants and children: new technique (ab), Cranley, William R.; O'Connor, John F.; Feins, Neil R., **129:** 855, 1978

Bladder, surgery
comparative study of two preoperative radiation regimens with cystectomy for bladder cancer (ab), Whitmore, Jr., W. F.; Batata, M. A.; Hilaris, B. S.; Reddy, G. N.; Unal, A.; Choneim, M. A.; Grabstald, H.; Chu, F., **126:** 845, 1978

Bladder, ultrasound studies
determination of bladder volumes by gray scale ultrasonography, McLean, Gordon K.; Edell, Steven L., **128:** 181, 1978
effect of the urinary bladder in obstetrical sonography, Zemlyn, Seymour, **128:** 169, 1978
staging of bladder tumors by means of transrectal ultrasonography (ab), Harada, Kuzuya; Igari, Dairoku; Tanahashi, Yoshikatsu; Watanabe, Hiroki; Saitoh, Masahito; Mishina, Teruo, **128:** 284, 1978

Blalock-Taussig shunt
See Arteries, subclavian; Malformations, arteriovenous

Blastomycosis
radiological appearance of pulmonary blastomycosis, Laskey, Warren; Sarosi, George A., **126:** 351, 1978
radiological manifestations of small intestinal South American blastomycosis, Avritchir, Yeochua; Perroni, Angelo August, **127:** 607, 1978

Bleomycin
static and dynamic imaging with indium-111 labelled bleomycin in the localization of squamous cell neoplasia (ab), Burton, I. E.; Todd, J. H.; Turner, R. L., **127:** 574, 1978

Blood
See also Anemia; Hematopoietic system; Leukemia; Lymphocytes; Radiobiology

Blood-brain barrier
ventricular opacification after intravascular injections of contrast material, Lee, Benjamin C. P.; Zimmer, Jerald, **128:** 647, 1978

Blood, coagulation
clinical use of transcatheter electrocoagulation, Miller, Michael D.; Johnsrude, Irwin S.; Limberakis, Anthony J.; Jackson, Donald C.; Pizzo, Salvatore; Thompson, William M., **129:** 211, 1978
effects of platelet suppressant, anticoagulant and fibrinolytic therapy in patients with recurrent venous thrombosis (ab), Steele, Peter; Ellis, Jr., James; Genton, Edward, **128:** 565, 1978

Blood, flow dynamics
augmented arterial flow and pressure resulting from selective injections through catheters: clinical implications, Levin, David C., **127:** 103, 1978
electromagnetic rheoangiometry: extension of selective angiography, Kolin, Alexander; MacAlpin, Rex; Steckel, Richard, (AJR), **130:** 13, 1978
lower limb angiography in leprosy, Johnson, A. Chandrahasan; Reddy, Rajaram; Johnson, Satyabama; James, Jr., A. Everette, **126:** 327, 1978
noninvasive ultrasonic estimation of brachial artery blood flow (ab), Thomas, Jr., Paul A., **126:** 283, 1978

Blood, phosphates
chronic familial hyperphosphatasemia, Iancu, Theodore C.; Almagor, Gyora; Friedman, Eliezer; Hardoff, Ruth; Front, Dov, **129:** 669, 1978

Blood, proteins
abnormal radiocolloid and MAA uptake by the liver in superior vena caval obstruction (ab), Yeh, Samuel D. J.; Garcia, A.; Benua, R. S., **127:** 574, 1978
early diagnosis of venous thrombosis using ^{125}I-fibrinogen (ab), Carretta, Robert F.; DeNardo, Sally J.; DeNardo, Gerald L.; Jansholt, Anne-Line; Rose, Angela W., **127:** 287, 1978
effect of particle number on lung perfusion images: concise communication (ab), Dworkin, Howard J.; Gutkowski, Robert F.; Porter, William; Potter, Murray, **127:** 287, 1978

Blood, radionuclide studies
in vivo labeling of red blood cells with ^{99m}Tc: a new approach to blood pool visualization (ab), Pavel, Dan G.; Zimmer, A. Michael; Patterson, Virginia N., **127:** 286, 1978
Tc-99m human serum albumin: suitable agent for plasma volume measurements in man (ab), Yang, Shirley S. L.; Nickoloff, Eileen L.; McIntyre, Patricia A.; Maddrey, Willis C.; Mikesell, Helen H.; Scheffel, Ursula; Kasecamp, Wayne; MacAllister, Niall P., **129:** 575, 1978

Blood vessels
lower limb angiography in leprosy, Johnson, A. Chandrahasan; Reddy, Rajaram; Johnson, Satyabama; James, Jr., A. Everette, **126:** 327, 1978

Blood vessels, foreign bodies
retrieval of intravascular foreign bodies using a modified bronchoscopic forceps, Millan, Victor G., **129:** 587, 1978

Blood vessels, grafts
B-mode ultrasonography of prosthetic vascular grafts, Gooding, Gretchen A. W.; Herzog, Karen A.; Hedgcock, Marcus W.; Eisenberg, Ronald L., **127:** 763, 1978

Bochdalek hernia
See Hernia, Bochdalek

Boerhaave syndrome
See Esophagus, perforation

Bone marrow
computed tomography of tumors of the musculoskeletal system in children: clinical applications, Berger, Paul E.; Kuhn, Jerald P., **127:** 171, 1978

Bone marrow, biopsy
exostosis after iliac bone marrow biopsy, Murphy, William A., (AJR), **129:** 1114, 1977

Bone marrow, radiation effects
expectation of aplastic anemia following radiotherapy for malignancy, Kitabatake, Takashi; Sakai, Kunio; Saito, Akira, **129:** 169, 1978

Bone marrow, radionuclide studies
increased bone marrow blood flow in sickle cell anemia demonstrated by thallium-201 and Tc-99m human albumin microspheres, Thrall, James H.; Rucknagel, Donald L., **127:** 817, 1978
indium and iron as tracers for erythroid precursors (ab), Jeffcoat, Marjorie K.; MacNeil, Barbara J.; Davis, Michael A., **129:** 285, 1978

Bone neoplasms
intra- and extraosseous xanthomata associated with hyperlipidemia, Yaghmai, Issa, **128:** 49, 1978
juxtacortical (parosteal) osteogenic sarcoma: histological grading and prognosis (ab), Ahuja, Subash C.; Villacin, Aquiles B.; Smith, Julius; Bullough, Peter G.; Huvos, Andrew G.; Marcove, Ralph C., **127:** 854, 1978
osteoid-osteoma. conventional, roentgenologic, angiographic, and scintigraphic examinations in 50 patients (ab), Lechner, G.; Knahr, K.; Riedl, P., **129:** 567, 1978
prognostic significance of radiological bone involvement in childhood acute lymphoblastic leukaemia (ab), Masera, G.; Carnelli, V.; Ferrari, M.; Recchia, M.; Bellini, F., **127:** 568, 1978
radiographic aspects of massive bone osteoarticular allograft transplantation, deSantos, Luis Alonso; Murray, John A.; Parrish, Frank F.; Wallace, Sidney; Finkelstein, J. Barnett; Spjut, Harlan J.; Ayala, Alberto G.; Terry, Arthur F., **128:** 635, 1978

Bone neoplasms, angiography
angiography in giant cell tumors (ab), Laurin, Sven, **126:** 836, 1978
angiography in giant-cell tumours of bone (ab), Lundstrom, B.; Lorentzon, R.; Larsson, S.-E.; Boquist, L., **128:** 278, 1978

Bone neoplasms, diagnosis
angiographic features of osteosarcoma, Yaghmai, Issa, (AJR), **129:** 1073, 1977
angiographic manifestations of soft-tissue and osseous hemangiopericytomas, Yaghmai, Issa, **126:** 653, 1978
computed tomography in the evaluation of musculoskeletal neoplasms, deSantos, Luis Alonso; Goldstein, Harvey M.; Murray, John A.; Wallace, Sidney, **128:** 89, 1978
computed tomography of the skeletal system, McLeod, Richard A.; Stephens, David H.; Beabout, John W.; Sheedy, II, Patrick F.; Hattery, Robert R., (SR), **13:** 235, 1978
computed tomography of tumors of the musculoskeletal system in children: clinical applications, Berger, Paul E.; Kuhn, Jerald P., **127:** 171, 1978
diffuse skeletal angiomatosis (ab), Graham, David Y.; Gonzales, Jorge; Kothari, Shirish M., **129:** 280, 1978
evaluation of giant cell tumor by computerized tomography (ab), deSantos, Luis A.; Murray, John A., **129:** 279, 1978
heterotopic new bone formation: myositis ossificans versus malignant tumor, Kagan, A. Robert; Steckel, Richard J., (AJR), **130:** 773, 1978
localisation and diagnosis of osteoid osteoma of the carpal area by angiography (ab), Lateur, L.; Baert, A. L., **127:** 281, 1978
osteogenic sarcoma after the age of 50: radiographic evaluation, deSantos, Luis Alonso; Rosengren, Jan-Erik; Wooten, Wayne B.; Murray, John A., (AJR), **131:** 481, 1978
percutaneous needle biopsy of bone in the cancer patient, deSantos, Luis Alonso; Lukeman, John M.; Wallace, Sidney; Murray, John A.; Ayala, Alberto G., (AJR), **130:** 641, 1978
periosteal osteosarcoma (L), Hall, Ferris M., **129:** 835, 1978
periosteal osteosarcoma: reply (L), deSantos, Luis Alonso; Ayala, Alberto G., **129:** 835, 1978
primary and secondary aneurysmal bone cyst: radiological study of 75 cases, Bonakdarpour, A.; Levy, Walter M.; Aegerter, Ernest, **126:** 75, 1978
radiographic spectrum of periosteal osteosarcoma, deSantos, Luis Alonso; Murray, John A.; Finklestein, J. Barnett; Spjut, Harlan J.; Ayala, Alberto G., **127:** 123, 1978
roentgenological and anatomic-pathological patterns of bone tumors (ab), Adler, C.-P.; Klumper, A., **127:** 568, 1978
skeletal aches and pains, Resnick, Donald, (RCNA), **16:** 37, 1978
vascular 'sunburst' appearance of osteosarcoma: new angiographic finding (ab), Rittenberg, Gerald M.; Schabel, Stephen I.; Vujic, Ivan; Meredith, Herbert C., **129:** 280, 1978
xeroradiography of bone tumors (ab), Nessi, Renato; Coopmans de Yoldi, Gianfranco, **129:** 280, 1978

Bone neoplasms, metastases
apparent reformation of the base of the skull following radiotherapy for nasopharyngeal carcinoma, Unger, June DeBoer; Chiang, Lan Chang; Unger, George F., **126:** 779, 1978
detection of hypertrophic pulmonary osteoarthropathy associated with pulmonary metastatic disease (ab), Costello, Philip; Gramm, Herbert F.; Lokich, Jacob, **128:** 861, 1978

Bone neoplasms, radionuclide diagnosis
comparative sensitivity of CT scans, radiographs and radionuclide bone scans in detecting metastatic calvarial lesions, Kido, Daniel K.; Gould, Robert; Taati, Farshid; Duncan, Andrew; Schnur, James, **128:** 371, 1978
scintigraphic evaluation of childhood malignancies by ^{67}Ga-citrate, Bekerman, Carlos; Port, Ronald B.; Pang, Emily; Moohr, John W.; Kranzler, Jeffry K., **127:** 719, 1978
tumor visualization using ^{67}Gallium scintigraphy in children, Edeling, Carl-Johan, **127:** 727, 1978

Bone neoplasms, secondary
chronic sciatic pain in a young woman with sclerosis of the iliac bone, Kagan, A. Robert; Steckel, Richard J., (AJR), **129:** 1087, 1977

computed tomography of the skeletal system, McLeod, Richard A.; Stephens, David H.; Beabout, John W.; Sheedy, II, Patrick F.; Hattery, Robert R., (SR), **13:** 235, 1978
distant metastases in nasopharyngeal carcinoma (ab), Khor, T. H.; Tan, B. C.; Chua, E. J.; Chia, K. B., **129:** 560, 1978
effectiveness of radiation therapy in the treatment of bone metastases from breast cancer, Garmatis, Constantine J.; Chu, Florence C. H., **126:** 235, 1978
efficacy of preoperative and postoperative bone scanning in the management of breast carcinoma (ab), Gerber, Frederic H.; Goodreau, James J.; Kirchner, Peter T.; Fouty, William J., **126:** 558, 1978
evaluation of bone scans as screening procedures for occult metastases in primary breast cancer (ab), Baker, R. Robinson; Holmes, III, Edwin R.; Alderson, Philip O.; Khouri, Nagi F.; Wagner, Henry N., **127:** 287, 1978
evaluation of radiation therapy for bone metastases: pain relief and quality of life, Gilbert, Harvey A.; Kagan, A. Robert; Nussbaum, Herman; Rao, Aroor R.; Satzman, Joel; Chan, Paul; Allen, Brent; Forsythe, Alan, (AJR), **129:** 1095, 1977
false negative bone scans in neuroblastoma metastatic to the ends of long bones, Kaufman, Robert A.; Thrall, James H.; Keyes, Jr., John W.; Brown, Manuel L.; Zakem, James F., (AJR), **130:** 131, 1978
malignant fibrous histiocytoma of the maxillary sinus (ab), Crissman, J. D.; Henson, S. L., **129:** 847, 1978
neoplastic involvement of terminal digits masquerading clinically as benign disease (ab), Pantoja, Enrique; Cross, Valmore F.; Vitale, Peter; Wendth, Arthur J., **127:** 281, 1978
osteoblastic bone metastases secondary to adenocarcinoma of the pancreas (ab), Joffe, Norman; Antonioli, Donald A., **129:** 572, 1978
ovarian mass, bone metastases, and a breast lesion, Kagan, A. Robert; Steckel, Richard J., (AJR), **130:** 1163, 1978
predictive value of bone scans in an adjuvant breast cancer program (ab), Hammond, Neel; Jones, Stephen E.; Salmon, Sydney E.; Patton, Dennis; Woolfenden, James, **128:** 575, 1978
radiation-induced soft-tissue and bone sarcoma, Kim, Jae Ho; Chu, Florence C.; Woodard, Helen Q.; Melamed, Myron R.; Huvos, Andrew; Cantin, Jacques, **129:** 501, 1978
radiology of bone changes in rhabdomyosarcoma (ab), Simmons, M.; Tucker, A. K., **129:** 571, 1978
solitary bone scan abnormality in a patient with breast carcinoma, Kagan, A. Robert; Steckel, Richard J., (AJR), **130:** 353, 1978

Bone neoplasms, therapeutic radiology
evaluation of radiation therapy for bone metastases: pain relief and quality of life, Gilbert, Harvey A.; Kagan, A. Robert; Nussbaum, Herman; Rao, Aroor R.; Satzman, Joel; Chan, Paul; Allen, Brent; Forsythe, Alan, (AJR), **129:** 1095, 1977
giant-cell tumour of bone (ab), McInerney, D. P.; Middlemiss, J. H., **129:** 279, 1978

Bone neoplasms, therapy
apparent reformation of the base of the skull following radiotherapy for nasopharyngeal carcinoma, Unger, June DeBoer; Chiang, Lan Chang; Unger, George F., **126:** 779, 1978
effectiveness of radiation therapy in the treatment of bone metastases from breast cancer, Garmatis, Constantine J.; Chu, Florence C. H., **126:** 235, 1978

Bones
See also Hand; Pelvis; Skull; Spine; Synovial membrane; under names of individual bones and diseases
radiology of skeletal disorders. 2nd ed. (bk rev), Murray, Ronald O.; Jacobson, Harold G., Reviewed by Griffiths, Harry J., **126:** 324, 1978

Bones, abnormalities
congenital pseudarthrosis of the radius, Cleveland, Robert H.; Gilsanz, Vicente; Wilkinson, Robert H., (AJR), **130:** 955, 1978
multiple skeletal anomalies in the "13q-" syndrome (ab), Chemke, J.; Fishel, E.; Zalish, M.; Sagiv, M., **129:** 854, 1978
skeletal changes in Down's syndrome. correlation of roentgenologic and cytogenetic findings (ab), Willich, E.; Fuhr, U.; Kroll, W., **126:** 554, 1978

Bones, atrophy
intravertebral disk herniations: cartilaginous (Schmorl's) nodes, Resnick, Donald; Niwayama, Gen, **126:** 57, 1978

Bones, biopsy
percutaneous needle biopsy of bone in the cancer patient, deSantos, Luis Alonso; Lukeman, John M.; Wallace, Sidney; Murray, John A.; Ayala, Alberto G., (AJR), **130:** 641, 1978

Bones, chromosomal aberrations
diagnostic value of hand x-rays in Turner's syndrome (ab), Necic, S.; Grant, D. B., **128:** 855, 1978
measurements on hand radiographs from 32 cri-du-chat probands, Fenger, Kirsten; Niebuhr, Erik, **129:** 137, 1978
multiple skeletal anomalies in the "13q-" syndrome (ab), Chemke, J.; Fishel, E.; Zalish, M.; Sagiv, M., **129:** 854, 1978

Bones, cysts
aneurysmal bone cyst of clavicle (ab), Smith, J., **128:** 856, 1978
cystic angiomatosis (ab), Schajowicz, F.; Aiello, C.; Francone, M.; Giannini, R., **128:** 857, 1978
primary and secondary aneurysmal bone cyst: radiological study of 75 cases, Bonakdarpour, A.; Levy, Walter M.; Aegerter, Ernest, **126:** 75, 1978
value of arteriography in the management of aneurysmal bone cyst (ab), deSantos, Luis A.; Murray, John A., **129:** 280, 1978

Bones, diseases
See also other subheads under Bones and under names of specific diseases, as Osteomalacia
fairbank's atlas of general affections of the skeleton, 2nd ed. (bk rev), Wynne-Davies, Ruth; Fairbank, T. J., Reviewed by Silverman, Frederic N., **126:** 66, 1978
recognition of cortical bone resorption in metabolic bone disease in vivo (ab), Meema, H. E., **126:** 836, 1978

Bones, dysostoses
aglossia-adactylia, Johnson, G. Frank; Robinow, Meinhard, **128:** 127, 1978
genetic perspectives on craniosynostosis and syndromes with craniosynostosis (ab), Cohen, Jr., M. Michael, **129:** 274, 1978
nevoid basal cell carcinoma syndrome: radiographic manifestations including cystlike lesions of the phalanges, Dunnick, N. Reed; Head, Gordon L.; Peck, Gary L.; Yoder, Frank W., **127:** 331, 1978
Saethre-Chotzen syndrome: broad and variable pattern of skeletal malformations (ab), Friedman, J. M.; Hanson, James W.; Graham, C. Benjamin; Smith, David W., **128:** 568, 1978
subtotal neonatal calvariectomy for severe craniosynostosis (ab), Hanson, James W.; Sayers, Martin P.; Knopp, Lawrence M.; Macdonald, Constance; Smith, David W., **127:** 276, 1978

Bones, fibrous dysplasia
fibrodysplasia (myositis) ossificans progressiva treated with disodium etidronate (ab), Hentzer, B.; Jacobsen, H. H.; Asboe-Hansen, G., **129:** 567, 1978
fibrous dysplasia of the skull—roentgenologic, computer tomographic and scintigraphic study (ab), Vogelsand, H.; Stoppler, L.; Thiele, G., **128:** 851, 1978

Bones, fractures
See Fractures

Bones, growth and development
See also Bones, primary disturbances of growth
diagnostic clues in the growing ends of bone (ab), Poznanski, Andrew K., **129:** 565, 1978
disharmonic skeletal maturation in the congenital malformation syndrome (ab), Poznanski, Andrew K.; Garn, Stanley M.; Kuhns, Lawrence R.; Shaw, Helen A., **126:** 554, 1978
dose to the metaphyseal growth complexes in children undergoing ^{99m}Tc-EHDP bone scans, Thomas, Stephen R.; Gelfand, Michael J.; Kereiakes, James G.; Ascoli, Frank A.; Maxon, Harry R.; Saenger, Eugene L.; Feller, Paul A.; Sodd, Vincent J.; Paras, Peter, **126:** 193, 1978
effect of trauma to the epiphysis and growth plate (ab), Siffert, Robert S., **126:** 836, 1978
ghost infantile vertebrae and hemipelves within adult skeleton from thorotrast administration in childhood, Teplick, J. George; Head, Gordon L.; Kricun, Morrie E.; Haskin, Marvin E., **129:** 657, 1978
persistence of the dens as the body of C1: case report of a rare anomaly, Swischuk, Leonard E.; Fagan, Charles J.; Sarwar, Mohammad, **127:** 330, 1978
radiology of postnatal skeletal development: proximal humerus (ab), Ogden, John A.; Conlogue, Gerald J.; Jensen, Pamela, **129:** 281, 1978
skeletal maturity. the knee joint as a biological indicator (bk rev), Roche, Alex F.; Wainer, Howard; Thissen, David, Reviewed by Poznanski, Andrew K., **126:** 88, 1978

Bones, infection
hematogenous osteomyelitis of metaphyseal-equivalent locations, Nixon, George W., (AJR), **130:** 123, 1978
recurrent osteomyelitis of the sternum (ab), Emanuel, Benjamin; Young, Norman, **126:** 554, 1978
residual osteoarticular lesions due to smallpox, with secondary degenerative joint disease (ab), Margolis, Harold S.; Subbarao, Kakarla; Pitt, Michael J.; Boyer, John, **129:** 280, 1978
role of gallium 67 in inflammatory disease, Staab, Edward V.; McCartney, William H., (SNM), **8:** 219, 1978
skeletal aches and pains, Resnick, Donald, (RCNA), **16:** 37, 1978
streptococcal skeletal infections: observations in four infants, McCook, Thomas A.; Felman, Alvin H.; Ayoub, Elia, (AJR), **130:** 465, 1978

Bones, inflammation
comparison of radiography and radioisotope scanning in the detection of Paget's disease and in the assessment of responses to human calcitonin (ab), Lavender, J. P.; Evans, Imogen M. A.; Arnot, Rosemary; Bowring, S.; Doyle, F. H.; Joplin, G. F.; MacIntyre, I., **126:** 286, 1978
Paget's disease. radiological changes occurring in untreated patients and those on therapy with salmon calcitonin during two years' observation (ab), Woodhouse, N. J. Y.; Chalmers, A. H.; Wells, I. P.; Dewbury, K. C.; Mohamedally, S. M., **128:** 856, 1978
pelvic osteomyelitis in children (ab), Edwards, Morven S.; Baker, Carol J.; Granberry, W. Malcolm; Barrett, Fred F., **128:** 278, 1978
radiographic and radionuclide findings in *rhizopus* osteomyelitis, Moore, Jr., Paul H.; McKinney, Richard G.; Mettler, Jr., Fred A., **127:** 665, 1978
role of gallium 67 in inflammatory disease, Staab, Edward V.; McCartney, William H., (SNM), **8:** 219, 1978
spinal cord compression due to pseudomonas in a heroin addict (ab), Jabbari, Bahman; Pierce, James F., **128:** 277, 1978

Bones, lymphatics
lymphatico-osseous communication and primary lymphedema, Abe, Rikiya, **129:** 375, 1978

Bones, measurement
measurements on hand radiographs from 32 cri-du-chat probands, Fenger, Kirsten; Niebuhr, Erik, **129:** 137, 1978

Bones, mineralization
bone mineral in Vilcabamba, Ecuador, Mazess, Richard B., (AJR), **130:** 671, 1978
evaluation of calcium concentration in bones from CT scans, Bradley, J. G.; Huang, H. K.; Ledley, R. S., **128:** 103, 1978
roentgenologic study of cortical bone resorption in chronic renal failure, Meema, H. Erik; Oreopoulos, Dimitrios G.; Meema, Silvia, **126:** 67, 1978
x-linked dysosteosclerosis: four familial cases (ab), Pascual-Castroviejo, I.; Casas-Fernandez, C.; Lopez-Martin, V.; Martinez-Bermejo, A., **127:** 280, 1978

Bones, necrosis
spontaneous osteonecrosis of the knee and medial meniscal tears, Norman, Alex; Baker, Nancy D., **129:** 653, 1978

Bones, osteochondrodysplasias
achondroplasia and hydrocephalus: computerized tomographic, roentgenographic, and psychometric study (ab), Mueller, S. M.; Bell, W.; Cornell, S.; DeS Hamsher, K.; Dolan, K., **126:** 833, 1978
case of McCune-Albright syndrome with hyperthyroidism and vitamin D-resistant rickets (ab), Tanaka, T.; Suwa, S., **127:** 279, 1978
cerebro-hepato-renal (Zellweger's) syndrome: report of four cases, Bartoletti, Stefano; Armfield, III, Samuel L.; Ledesma-Medina, Jocyline, **127:** 741, 1978
dysosteosclerosis, Houston, C. Stuart; Gerrard, John W.; Ives, Elizabeth J., (AJR), **130:** 988, 1978
dyssegmental dwarfism: lethal anisospondylic camptomicromelic dwarfism (ab), Gruhn, John G.; Gorlin, Robert J.; Langer, Leonard O., **128:** 855, 1978
fibrodysplasia (myositis) ossificans progressiva treated with disodium etidronate (ab), Hentzer, B.; Jacobsen, H. H.; Asboe-Hansen, G., **129:** 567, 1978

fibrous dysplasia of the skull—roentgenologic, computer tomographic and scintigraphic study (ab), Vogelsand, H.; Stoppler, L.; Thiele, G., **128:** 851, 1978
heterogeneity of nonlethal severe short-limbed dwarfism (ab), Romeo, Giovanni; Zonana, Jonathan; Rimoin, David L.; Lachman, Ralph S.; Scott, Jr., Charles I.; Kaveggia, Elisabeth G.; Spranger, Jurgen W.; Opitz, John M., **128:** 568, 1978
incidence of growth lines in psychosocial dwarfs and idiopathic hypopituitarism, Hernandez, Ramiro J.; Poznanski, Andrew K.; Hopwood, Nancy J.; Kelch, Robert P., (AJR), **131:** 477, 1978
Lenz-Majewski hyperostotic dwarfism: syndrome of multiple congenital anomalies, mental retardation, and progressive skeletal sclerosis (ab), Robinow, Meinhard; Johanson, Ann J.; Smith, Thomas H., **127:** 853, 1978
luxation of the globe in Engelmann's disease (ab), Brodrick, John D., **128:** 851, 1978
Melnick-Needles osteodysplasia associated with pulmonary hypertension, obstructive uropathy and marrow hypoplasia (ab), Klint, R. B.; Agustsson, M. H.; McAlister, W. H., **126:** 836, 1978
Melnick-Needles syndrome: radiographic alterations in the mandible, Gorlin, Robert J.; Langer, Jr., Leonard O., **128:** 351, 1978
^{99m}Tc-pyrophosphate bone imaging in osteopoikilosis, osteopathia striata, and melorheostosis, Whyte, Michael P.; Murphy, William A.; Siegel, Barry A., **127:** 439, 1978
osteopetrosis in children: report of 26 cases (ab), Loria-Cortes, Rodrigo; Quesada-Calvo, Efraim; Cordero-Chaverri, Carlos, **127:** 279, 1978
prenatal diagnosis of achondrogenesis (ab), Golbus, Mitchell S.; Hall, Bryan D.; Filly, Roy A.; Poskanzer, Lucille B., **127:** 853, 1978
prenatal diagnosis of recurrence of Saldino-Noonan dwarfism (ab), Richardson, Miriam M.; Beaudet, Arthur L.; Wagner, Milton L.; Malini, Srini; Rosenberg, Harvey S.; Lucci, Jr., Joseph A., **127:** 853, 1978
pseudochondroplasia: report of 13 cases (ab), Heselson, N. G.; Cremin, B. J.; Beighton, P., **127:** 568, 1978
Schwartz-Jampel syndrome (myotonia chondrodystrophica) (ab), Pfeiffer, R. A.; Bauer, H.; Petersen, C., **127:** 280, 1978

Bones, primary disturbances of growth
chronic familial hyperphosphatasemia, Iancu, Theodore C.; Almagor, Gyora; Friedman, Eliezer; Hardoff, Ruth; Front, Dov, **129:** 669, 1978
myotonic dystrophy (Steinert's disease) in the neonate, Chassevent, Jacques; Sauvegrain, Jacques; Besson-Leaud, Marc; Kalifa, Gabriel, **127:** 747, 1978
normal pressure hydrocephalus: recognition and relationship to neurological abnormalities in Cockayne's syndrome (ab), Brumback, Roger A.; Yoder, Frank W.; Andrews, Alan D.; Peck, Gary L.; Robbins, Jay H., **129:** 272, 1978

Bones, primary metabolic abnormalities
beta-glucuronidase deficiency in a girl with unusual features (ab), Pfeiffer, R. A.; Kress, H.; Baumer, N.; Sattinger, E., **127:** 281, 1978
Gaucher disease—chronic adult type—4 involved siblings, before and after splenectomy (ab), Tjhen, K. Y.; Zillhardt, H. W., **127:** 854, 1978
hand changes in primary biliary cirrhosis, O'Connell, Denis J.; Marx, William J., **129:** 31, 1978
Kniest syndrome: report of two cases (ab), Kozlowski, K.; Lek, A. Barylak; Kobielowa, Z., **127:** 280, 1978
rachitic respiratory distress in small preterm infants (ab), Glasgow, J. F. T.; Thomas, P. S., **126:** 549, 1978
recognition of cortical bone resorption in metabolic bone disease in vivo (ab), Meema, H. E., **126:** 836, 1978
roentgenologic study of cortical bone resorption in chronic renal failure, Meema, H. Erik; Oreopoulos, Dimitrios G.; Meema, Silvia, **126:** 67, 1978
slipped capital femoral epiphyses complicating renal osteodystrophy: report of three cases, Goldman, Amy Beth; Lane, Joseph M.; Salvati, Eduardo, **126:** 333, 1978
spastic quadriparesis due to C_1-C_2 subluxation in Hurler syndrome (ab), Brill, Charles B.; Rose, Judith S.; Godmilow, Lynn; Sklower, Susan; Hirschhorn, Kurt, **129:** 565, 1978
use of whole-body retention of Tc-99m diphophonate in the diagnosis of metabolic bone disease (ab), Fogelman, Ignac; Bessent, Rodney G.; Turner, John G.; Citrin, Dennis L.; Boyle, Iain T.; Greig, William R., **128:** 575, 1978

Bones, radiation effects
ghost infantile vertebrae and hemipelves within adult skeleton from thorotrast administration in childhood, Teplick, J. George; Head, Gordon L.; Kricun, Morrie E.; Haskin, Marvin E., **129:** 657, 1978
radiation induced skeletal and soft tissue bone scan changes (ab), Vieras, Frank, **126:** 846, 1978
thoracic effects of therapeutic irradiation for breast carcinoma, Meyer, Jack E., (AJR), **130:** 877, 1978

Bones, radionuclide studies
accumulation of bone-seeking radionuclides in liver metastasis from colon carcinoma (ab), Garcia, Antonio C.; Yeh, S. D. J.; Benua, R. S., **127:** 575, 1978
accumulation of ^{99m}Tc-diphosphonate in hepatic neoplasm, Ghaed, Nasser; Marsden, Richard J., **126:** 192, 1978
applications and limitations of quantitative sacroiliac joint scintigraphy, Goldberg, Ronald P.; Genant, Harry K.; Shimshak, Robert; Shames, David, **128:** 683, 1978
bone scintigraphy in hereditary multiple exostoses, Epstein, David A.; Levin, Emanuel J., (AJR), **130:** 331, 1978
chronic familial hyperphosphatasemia, Iancu, Theodore C.; Almagor, Gyora; Friedman, Eliezer; Hardoff, Ruth; Front, Dov, **129:** 669, 1978
comparison of radiography and radioisotope scanning in the detection of Paget's disease and in the assessment of responses to human calcitonin (ab), Lavender, J. P.; Evans, Imogen M. A.; Arnot, Rosemary; Bowring, S.; Doyle, F. H.; Joplin, G. F.; MacIntyre, I., **126:** 286, 1978
contribution of the bone scan, serum acid and alkaline phosphatase, and the radiographic bone survey to the management of newly-diagnosed carcinoma of the prostate (ab), Shafer, R. B.; Reinke, D. B., **127:** 575, 1978
decreased ^{99m}Tc sulfur colloid activity in healed rib fractures, Chafetz, Neil; Slivka, Jack; Taylor, Andrew; Alazraki, N. P.; Resnick, Donald; Goergen, Thomas, **126:** 735, 1978
efficacy of preoperative and postoperative bone scanning in the management of breast carcinoma (ab), Gerber, Frederic H.; Goodreau, James J.; Kirchner, Peter T.; Fouty, William J., **126:** 558, 1978
evaluation of bone scans as screening procedures for occult metastases in primary breast cancer (ab), Baker, R. Robinson; Holmes, III, Edwin R.; Alderson, Philip O.; Khouri, Nagi F.; Wagner, Henry N., **127:** 287, 1978
evaluation of sacro-iliitis: comparison of radiological and radionuclide techniques, Dequeker, J.; Goddeeris, T.; Walravens, M.; De Roo, M., **128:** 687, 1978
experimental investigations of the possible cause of liver appearance during bone scanning, Zimmer, A. Michael; Pavel, Dan G., **126:** 813, 1978
false negative bone scans in neuroblastoma metastatic to the ends of long bones, Kaufman, Robert A.; Thrall, James H.; Keyes, Jr., John W.; Brown, Manuel L.; Zakem, James F., (AJR), **130:** 131, 1978
intense concentration of technetium-99m pyrophosphate in the kidneys of children treated with chemotherapeutic drugs for malignant disease, Lutrin, Calvin L.; McDougall, I. Ross; Goris, Michael L., **128:** 165, 1978
lymphangiography and bone scan in the study of lymphangiomatosis (ab), Chu, J.-Y.; Graviss, E. R.; Danis, R. K.; Ho, J. E., **126:** 835, 1978
metastatic calcification: role of bone scanning, Venkatesh, Nagammal; Polcyn, Robert E.; Norback, Diane H., **129:** 755, 1978
^{99m}Tc-pyrophosphate bone imaging in osteopoikilosis, osteopathia striata, and melorheostosis, Whyte, Michael P.; Murphy, William A.; Siegel, Barry A., **127:** 439, 1978
predictive value of bone scans in an adjuvant breast cancer program (ab), Hammond, Neel; Jones, Stephen E.; Salmon, Sydney E.; Patton, Dennis; Woolfenden, James, **128:** 575, 1978
pulmonary uptake of ^{99m}Tc diphosphonate in alveolar microlithiasis, Brown, Manuel L.; Swee, Ronald G.; Olson, Robert J.; Bender, Clair E., (AJR), **131:** 703, 1978
radiation induced skeletal and soft tissue bone scan changes (ab), Vieras, Frank, **126:** 846, 1978
radiographic and radionuclide findings in *rhizopus* osteomyelitis, Moore, Jr., Paul H.; McKinney, Richard G.; Mettler, Jr., Fred A., **127:** 665, 1978
radiography, radionuclide imaging, and arthrography in the evaluation of total hip and knee replacement, Gelman, Martin I.; Coleman, R. Edward; Stevens, Peter M.; Davey, Bruce W., **128:** 677, 1978
role of gallium 67 in inflammatory disease, Staab, Edward V.; McCartney, William H., (SNM), **8:** 219, 1978
scintigraphic findings in stress fractures (ab), Prather, Jerry L.; Nusynowitz, Martin L.; Snowdy, Harry A.; Hughes, Alan D.; McCartney, William H.; Bagg, Raymond J., **127:** 860, 1978
solitary bone scan abnormality in a patient with breast carcinoma, Kagan, A. Robert; Steckel, Richard J., (AJR), **130:** 353, 1978
technetium-99m-pyrosphosphate bone scans in hyperparathyroidism (ab), Wiegmann, T.; Rosenthall, L.; Kay, M., **127:** 286, 1978
unusual bone scan presentation in osteomalacia: symmetrical uptake–a suggestive sign (ab), Singh, Bhurji N.; Spies, Stewart M.; Mehta, Sharad P.; Kesala, B. Adrian; Quinn, III, James L., **129:** 862, 1978
uptake of bone imaging agents by diffuse pulmonary metastatic calcification, Rosenthal, Daniel I.; Chandler, Harold L.; Azizi, Fereidoun; Schneider, Peter B., (AJR), **129:** 871, 1977
use of whole-body retention of Tc-99m diphophonate in the diagnosis of metabolic bone disease (ab), Fogelman, Ignac; Bessent, Rodney G.; Turner, John G.; Citrin, Dennis L.; Boyle, Iain T.; Greig, William R., **128:** 575, 1978

Bones, sclerosis
bony sclerosis and the battered child (ab), DeSmet, A. A.; Kuhns, L. R.; Kaufman, R. A.; Holt, J. F., **126:** 836, 1978
chronic sciatic pain in a young woman with sclerosis of the iliac bone, Kagan, A. Robert; Steckel, Richard J., (AJR), **129:** 1087, 1977
dysosteosclerosis, Houston, C. Stuart; Gerrard, John W.; Ives, Elizabeth J., (AJR), **130:** 988, 1978
Leri's melorheostosis: three pediatric cases and a review of the literature (ab), Beauvais, P.; Faure, C.; Montagne, J.-P.; Chigot, P. L.; Maroteaux, P., **127:** 852, 1978
x-linked dysosteosclerosis: four familial cases (ab), Pascual-Castroviejo, I.; Casas-Fernandez, C.; Lopez-Martin, V.; Martinez-Bermejo, A., **127:** 280, 1978

Bones, transplantation
radiographic aspects of massive bone osteoarticular allograft transplantation, deSantos, Luis Alonso; Murray, John A.; Parrish, Frank F.; Wallace, Sidney; Finkelstein, J. Barnett; Spjut, Harlan J.; Ayala, Alberto G.; Terry, Arthur F., **128:** 635, 1978

Book reviews
Anacker, Hermann, ed., efficiency and limits of radiologic examination of the pancreas, Reviewed by Ruzicka, Jr., Francis F., **128:** 44, 1978
Andersson, L.; Fernstrom, I.; Leopold, G. R.; Schlegel, J. U.; Talner, L. B.; Andersson, L., ed., radionuclides in urology, urological ultrasonography. percutaneous puncture nephrostomy. supplement to vol. V/I of handbuch der urologie, Reviewed by Mellins, Harry Z., **129:** 344, 1978
Ansell, George, ed., complications in diagnostic radiology, Reviewed by Davis, George D.; Houser, O. Wayne; MacCarty, Robert Lee; Miller, Walter E.; Stanson, Anthony W.; Tarhan, Sait, **127:** 60, 1978
Bosma, James F., ed., symposium on development of the basicranium. DHEW publ. (NIH) 76-989, Reviewed by Strand, R.; Gilles, F., **129:** 418, 1978
Bosniak, Morton A.; Siegelman, Stanley S.; Evans, John A., adrenal, retroperitoneum and lower urinary tract, Reviewed by Pfister, Richard C., **126:** 634, 1978
Carter, Barbara L.; Morehead, James; Wolpert, Samuel L.; Hammerschlag, Steven B.; Griffiths, Harry J.; Kahn, Paul C., cross-sectional anatomy: computed tomography and ultrasound correlation, Reviewed by Eyler, William R., **127:** 164, 1978
Davidson, Alan J., radiologic diagnosis of renal parenchymal disease. vol. 2 of saunders monographs in clinical radiology., Reviewed by Mellins, Harry Z., **126:** 110, 1978
DeLand, Frank H., cerebral radionuclide angiography, Reviewed by Mishkin, Fred S., **126:** 172, 1978
Dodd, Gerald D.; Jing, Bao-Shan, radiology of the nose, paranasal sinuses and nasopharynx. section 2 of Golden's diagnostic radiology, Reviewed by Potter, Guy D., **127:** 664, 1978

DuBoulay, G. H., ed., considerations about the use of computers in radiodiagnostic departments, Reviewed by Dwyer, III, Samuel J.; Templeton, Arch W., **129:** 586, 1978
Figge, Frank H. J., ed., atlas of human anatomy. vol. 1: regions, bones, ligaments, joints and muscles, Reviewed by Eyler, William R., **128:** 594, 1978
Figge, Frank H. J., ed., atlas of human anatomy. vol. 2: visceral anatomy (cardiovascular, lymphatic, digestive, respiratory and urogenital systems), Reviewed by Eyler, William R., **128:** 594, 1978
Fraser, Robert G.; Pare, J. A. Peter, diagnosis of the chest. 2nd ed., vols. 1 and 2, Reviewed by Heitzman, E. Robert, **128:** 300, 1978
Gambarelli, Joseph; Guerinel, Gerard; Chevrot, Laurent; Mattei, Mathieu, computerized axial tomography. anatomic atlas of serial sections of the human body. anatomy—radiology—scanner, Reviewed by Kazam, Elias; Whalen, Joseph P., **126:** 412, 1978
Gordon, I. R. S.; Ross, F. G. M., diagnostic radiology in paediatrics, Reviewed by Kuhns, Lawrence R.; Holt, John F.; Hernandez, Ramiro J., **127:** 750, 1978
Haaga, John; Reich, Norbert E., computed tomography of abdominal abnormalities, Reviewed by Stanley, Robert J., **128:** 384, 1978
Hatfield, Philip M.; Wise, Robert E., radiology of the gallbladder and bile ducts. section 22 of Golden's diagnostic radiology, Reviewed by Laufer, Igor, **126:** 618, 1978
Heitzman, E. Robert, mediastinum: radiologic correlations with anatomy and pathology, Reviewed by Greene, Reginald, **128:** 294, 1978
Hild, Walther J., ed., atlas of human anatomy. vol. 3: central nervous system, autonomic nervous system, sense organs and skin, peripheral nerves and vessels, Reviewed by Eyler, William R., **128:** 594, 1978
Hodson, C. J., ed., radiology and the kidney. some present concepts. vol.5 of contributions to nephrology, Reviewed by Thornbury, John R., **126:** 110, 1978
Hoeffken, Walther; Lanyi, Marton, mammography: technique. diagnosis. differential diagnosis, Reviewed by Wolfe, John N., **126:** 372, 1978
Holder, Angela Roddey, medical malpractice law, 2nd ed, Reviewed by Collins, Vincent P., **129:** 248, 1978
Kruzas, Anthony T., ed., medical and health information directory. guide to state, national and international organizations, government agencies, educational institutions, hospitals, grant-award sources, health care delivery agencies, journals, newsletters, review serials, abstracting services, publishers, research centers, computerized data banks, audiovisual services, and libraries and information centers, Kruzas, Anthony T., ed., Reviewed by Eyler, William R., **128:** 600, 1978
Legare, Jean-Marc; Bresse, Jacques, technique quebecoise de dosimetrie clinique, Reviewed by Martin, Flavious B., **129:** 168, 1978
Lillington, Glen A.; Jamplis, Robert W., diagnostic approach to chest diseases: differential diagnoses based on roentgenographic patterns. 2nd ed., Reviewed by Greene, Reginald F., **126:** 358, 1978
Meyer, Richard A.; Korfhagen, Joan, pediatric echocardiography, Reviewed by King, Donald L., **126:** 462, 1978
Miller, Roscoe E.; Skucas, Jovitas, eds., radiographic contrast agents, Reviewed by Ferrara, Thomas P.; Clemett, Arthur R., **126:** 602, 1978
Murray, Ronald O.; Jacobson, Harold G., radiology of skeletal disorders. 2nd ed., Reviewed by Griffiths, Harry J., **126:** 324, 1978
Nanda, Navin C.; Gramiak, Raymond, clinical echocardiography, Reviewed by King, Donald L., **129:** 750, 1978
Parker, Bruce R.; Castellino, Ronald A., eds., pediatric oncologic radiology, Reviewed by Griscom, N. Thorne, **126:** 462, 1978
Poznanski, Andrew K., practical approaches to pediatric radiology, Reviewed by Girdany, Bertram R., **126:** 742, 1978
Rhodes, Buck A., ed., quality control in nuclear medicine: radiopharmaceuticals, instrumentation, and *in vitro* assays, Reviewed by Dworkin, Howard J.; Gutkowski, Robert; Wery, Ray; Ferry, Doug; McCulloch, Roy, **128:** 162, 1978
Roche, Alex F.; Wainer, Howard; Thissen, David, skeletal maturity. the knee joint as a biological indicator, Reviewed by Poznanski, Andrew K., **126:** 88, 1978
Roelandt, Jos, practical echocardiology. ultrasound in medicine series, vol. 1, Reviewed by Gramiak, Raymond, **126:** 758, 1978
Salamon, George; Huang, Yun Peng, radiologic anatomy of the brain, Reviewed by Houser, O. Wayne, **128:** 108, 1978
Serafini, Aldo N.; Gilson, Albert J.; Smoak, William M., nuclear cardiology: principles and methods, Reviewed by Maynard, C. Douglas, **127:** 726, 1978
Steckel, Richard J.; Kagan, A. Robert, diagnosis and staging of cancer. a radiological approach, Reviewed by Wallace, Sidney, **126:** 340, 1978
Strandness, Jr., D. E.; Sumner, D. S., ultrasonic techniques in angiology: standardization of cardio-angiological methods, Reviewed by Winsberg, Fred, **128:** 176, 1978
Takahashi, Mutsumasa, atlas of carotid angiography, Reviewed by Naidich, Thomas P., **126:** 660, 1978
White, Susan A.; Rosenfeld, Sheila Dworkin, nuclear medicine technology review, Reviewed by Halpin, William W., **127:** 726, 1978
Wolfe, John N., xeroradiography: uncalcified breast masses, Reviewed by Alcorn, Franklin S., **126:** 372, 1978
Wynne-Davies, Ruth; Fairbank, T. J., fairbank's atlas of general affections of the skeleton, 2nd ed., Reviewed by Silverman, Frederic N., **126:** 66, 1978

Books received
cesium-137 from the environment to man: metabolism and dose. NCRP report No. 52, **126:** 824, 1978
medical radiation exposure of pregnant and potentially pregnant women. NCRP report No. 54, **126:** 824, 1978
policy statement: computed tomographic scanning. April 1977, **126:** 824, 1978
protection of the thyroid gland in the event of releases of radioiodine. NCRP report No. 55, **126:** 824, 1978
use of ionizing radiation and radionuclides on human beings for medical research, training, and nonmedical purposes. report of a WHO expert committee. technical report series 611, **126:** 824, 1978
radiation exposure from consumer products and miscellaneous sources. NCRP Report No. 56, **127:** 202, 1978
management of primary bone and soft tissue tumors. collection of papers presented at the twenty-first annual clinical conference on cancer, 1976, at the University of Texas System Cancer Center, M. D. Anderson Hospital and Tumor Inst., Houston, Texas, **127:** 538, 1978
SI for the health professions, **127:** 820, 1978
technology assessment & forecast. eighth report. December 1977, **127:** 820, 1978
handling of radiation accidents 1977. proceedings of a symposium on the handling of radiation accidents jointly organized by the International Atomic Energy Agency and the OECD Nuclear Energy Agency and held in Vienna, 28 February–4 March 1977, **128:** 261, 1978
medical radionuclide imaging. proceedings of an international symposium on medical radionuclide imaging held by the International Atomic Energy Agency in Los Angeles, 25–29 October 1976. vols. 1 and 2, **128:** 261, 1978
origins of human cancer. book A: incidence of cancer in humans. book B: mechanisms of carcinogenesis. book C: human risk assessment. vol. 4 of Cold Spring Harbor conferences on cell proliferation, **128:** 261, 1978
epidemiology and cancer registries in the Pacific basin: conference held in Maui, Hawaii, Nov. 11–14, 1975. National Cancer Institute monograph 47; DHEW publication no. (NIH) 77-1223, **128:** 555, 1978
international classification of procedures in medicine. vol. 1, **129:** 252, 1978
modern concepts in brain tumor therapy: laboratory and clinical investigations. National Cancer Institute Monograph 46. DHEW publication (NIH) 77-1236, **129:** 252, 1978
international neutron dosimetry intercomparison. ICRU report 27, **129:** 536, 1978
primer of brain tumors, **129:** 536, 1978
steroid contraception and the risk of neoplasia. World Health Organization Technical Report 619, WHO 1978, **129:** 536, 1978
international classification of diseases: manual of the international statistical classification of diseases, injuries, and causes of death, based on the recommendations of the ninth revision conference 1975, and adopted by the twenty-ninth World Health Assembly, Vol. 2, **129:** 782, 1978
Alfidi, Ralph J.; Haaga, John; Weinstein, Meredith; DeGroot, Jack, computed tomography of the human body. atlas of normal anatomy, **127:** 202, 1978
Anacker, H.; Weiss, H. D.; Kramann, B., endoscopic retrograde pancreatico-cholangiography (ERPC), **126:** 269, 1978
Andersson, L.; Fernstrom, I.; Leopold, G. R.; Schlegel, J. U.; Talner, L. B., radionuclides in urology, urological ultrasonography, percutaneous puncture nephrostomy. handbuch der urologie, supplement V/1, **128:** 555, 1978
Arger, Peter H., ed., orbit roentgenology. Wiley series in diagnostic and therapeutic radiology, **127:** 538, 1978
Ayella, Robert J., radiologic management of the massively traumatized patient, **129:** 782, 1978
Balner, H., bone marrow transplantation and other treatment after radiation injury. review prepared for the Commission of the European Communities, directorate-general research, science and education (biology-medical research), **127:** 538, 1978
Birkner, Rudolf, das typische rontgenbild des skeletts. standardbefunde und varietaten vom erwachsenen und kind fur arzte, studenten und radiologie-assistenten, **126:** 824, 1978
Bories, J., ed., diagnostic limitations of computerised axial tomography, **129:** 782, 1978
Bosma, James F., symposium on development of the basicranium. DHEW Pub. (NIH) 76–989, **127:** 202, 1978
Box, Harold C., radiation effects: ESR and ENDOR analysis, **129:** 252, 1978
Bretland, P. M., essentials of radiology, **129:** 252, 1978
Brunner, S.; Andersen, P. E., eds., advances in oto-rhino-laryngology. vol. 24: modern methods of radiology in ORL. selected papers of the VIIth International Congress of Radiology in oto-rhino-laryngology. Copenhagen, May 31–June 2, 1976, **128:** 261, 1978
Cameron, John R.; Skofronick, James G., medical physics, **128:** 802, 1978
Campbell, John A.; Schreiber, Melvyn H.; Cockshott, W. Peter; Miyamoto, Alan T.; Mishkin, Fred S., eds., obstetrical diagnosis by radiographic, ultrasonic, and nuclear methods. section 10 of Golden's diagnostic radiology, **127:** 538, 1978
Chanet, R., ed., Commission of the European Communities radiological protection, first European symposium on rad-equivalence, proceeding of the seminar on radiobiology-radiation protection-Orsay (France 24-26 May 1976, **127:** 538, 1978
Chapchal, George, ed., injuries of the ligaments and their repair. hand–knee–foot. seventh international symposium on topical problems in orthopedic surgery, lucerne (Switzerland), **126:** 269, 1978
Clouse, Melvin E., ed., clinical lymphography. section 7 of Golden's diagnostic radiology, **127:** 538, 1978
Coleman, D. Jackson; Lizzi, Frederic L.; Jack, Robert L., ultrasonography of the eye and orbit, **126:** 544, 1978
Cope, Oliver, breast: its problems—benign and malignant—and how to deal with them, **126:** 544, 1978
Dahlin, David C., bone tumors: general aspects and data on 6,221 cases, 3rd ed., **129:** 252, 1978
D'Ambrosia, Robert D., musculoskeletal disorders. regional examination and differential diagnosis, **127:** 538, 1978
DeGroot, Leslie J.; Frohman, Lawrence A.; Kaplan, Edwin L.; Refetoff, Samuel eds., radiation-associated thyroid carcinoma, **126:** 544, 1978
Di Guglielmo, L.; Campani, R.; Garbagna, P.; Mira, E., xeroradiografia in otorinolaringoiatria. (xeroradiography in otorhinolaryngology), **126:** 824, 1978
Dirheimer, Yves, craniovertebral region in chronic inflammatory rheumatic diseases, **127:** 538, 1978

Djindjian, Rene; Merland, Jean-Jacques, super-selective arteriography of the external carotid artery, **128:** 555, 1978
Dodd, Gerald D.; Jing, Bao-Shan, radiology of the nose, paranasal sinuses and nasopharynx. section 2 of Golden's diagnostic radiology, **127:** 538, 1978
du Boulay, G. H., ed., first european seminar on computerised axial tomography in clinical practice, **126:** 269, 1978
du Boulay, G. H., ed., considerations about the use of computers in radiodiagnostic departments. British Institute of Radiology Special Report No. 14, **128:** 802, 1978
Durizch, M. L., technical aspects of tomography, **128:** 555, 1978
Duvernoy, Henri M., human brainstem vessels, **128:** 555, 1978
Egan, Robert L., technologist guide to mammography. 2nd ed., **126:** 269, 1978
Eklof, Ole, ed., current concepts in pediatric radiology. vol. 1, **128:** 261, 1978
El Gammal, Taher; Allen, Jr., Marshall B.; Dyken, Paul, atlas of polytome pneumography: with particular reference to the midline ventricles of the brain, **126:** 544, 1978
Enker, Warren E., ed., carcinoma of the colon and rectum, **129:** 782, 1978
Felson, Benjamin, ed., computerized cranial tomography, (Seminars in Roentgenology reprint), **127:** 538, 1978
Franceschi, Claude, l'investigation vasculaire par ultrasonographie Doppler, **127:** 538, 1978
Fraser, Robert G.; Pare, J. A. Peter, diagnosis of diseases of the chest. 2d ed. vol. 1, **126:** 824, 1978
Fry, Francis J., ed., ultrasound: its applications in medicine and biology. parts 1 and 2, **128:** 555, 1978
George, Ajax Elis; Derby, Bennett; Chase, Norman E., neuroradiology case studies. 110 case histories related to neuroradiology, **127:** 202, 1978
Gerlock, Jr., Amil J.; Kirchner, Sandra G.; Heller, Richard M.; Kaye, Jeremy J., cervical spine in trauma. vol. 11 of advanced exercises in diagnostic radiology, **129:** 536, 1978
Grech, Paul, hip arthrography, **127:** 538, 1978
Haaga, John; Reich, Norbert E., computed tomography of abdominal abnormalities, **127:** 820, 1978
Hamburger, Joel I., thyroid disease. vol. 1 of clinical exercises in internal medicine, **128:** 555, 1978
Hassani, Sam N., ultrasound in gynecology and obstetrics, **128:** 555, 1978
Heindel, Ned D.; Burns, Donald; Honda, Takashi; Brady, Luther W., chemistry of radiopharmaceuticals, **129:** 252, 1978
Heitzman, E. Robert, mediastinum: radiologic correlations with anatomy and pathology, **126:** 824, 1978
Henderson, Scott D., pathology in computed tomography of the brain, **128:** 802, 1978
Hiss, Stephen S., understanding radiography, **127:** 538, 1978
Hobbie, Russell K., intermediate physics for medicine and biology, **129:** 252, 1978
Hodson, C. J., ed., radiology and the kidney: some present concepts. contributions to nephrology, vol. 5, **127:** 538, 1978
Hoffer, Paul B.; Bekerman, Carlos; Henkin, Robert E., eds., gallium-67 imaging, **128:** 555, 1978
Holder, Angela Roddey, medical malpractice law, 2nd ed., **128:** 555, 1978
Jenkins, R.; De Vries, J. L., worked examples in x-ray analysis. 2nd ed, **128:** 802, 1978
Kaufmann, H. J., ed., progress in pediatric radiology, vol. 6: skull, spine and contents, part II: clinical aspects, **128:** 261, 1978
Keats, Theodore E.; Smith, Thomas H., atlas of normal developmental roentgen anatomy, **128:** 261, 1978
Kirby, Cynthia C.; McKinney, William E. J.; Thompson, Thomas T., guide for automatic radiographic processing and film quality control, **128:** 802, 1978
Kirsh, Marvin M.; Sloan, Herbert, blunt chest trauma. general principles of management, **127:** 538, 1978
Kleid, Jack J.; Arvan, Stephen B., echocardiography: interpretation and diagnosis, **128:** 555, 1978
Korach, G.; Vignaud, J., manuel de techniques radiographiques du crane, **127:** 538, 1978
Krebs, B. P.; Lalanne, C. M.; Schneider, M., eds., clinical application of carcinoembryonic antigen assay. proceedings of a symposium, Nice, Oct. 7-9, 1977, **129:** 536, 1978
Langlais, Robert P.; Kasle, Myron J., intra-oral radiographic interpretation: exercises in dental radiology. vol. 1, **128:** 261, 1978
Ledley, Robert Steven; Huang, H. K.; Mazziotta, John C., cross-sectional anatomy—atlas for computerized tomography, **127:** 538, 1978
Levin, Marvin E.; O'Neal, Lawrence W. eds., diabetic foot. 2nd ed., **126:** 544, 1978
Lichtenstein, Louis, bone tumors. 5th ed., **126:** 824, 1978
Lieberman, David E., computer methods. fundamentals of digital nuclear medicine, **127:** 202, 1978
Lippert, Herbert; Lehmann, H. Peter, SI units in medicine: an introduction to the international system of units with conversion tables and normal ranges, **128:** 261, 1978
Logan, Wende Westinghouse, breast carcinoma. radiologist's expanded role, **127:** 202, 1978
Manger, William Muir; Gifford, Jr., Ray W., pheochromocytoma, **127:** 820, 1978
Marston, Adrian, intestinal ischaemia, **126:** 269, 1978
Maruyama, Masakazu, radiologic diagnosis of polyps and carcinoma of the large bowel, **128:** 555, 1978
Maruyama, Yosh, ed., new methods in tumor localization, **126:** 824, 1978
Mathe, Georges, ed., tactics and strategy in cancer treatment. vol. 62 of recent results in cancer research, **128:** 261, 1978
Matin, Philip, handbook of clinical nuclear medicine, **126:** 544, 1978
Matsui, Takayoshi; Hirano, Asao, atlas of the human brain for computerized tomography, **129:** 252, 1978
McDonald, Lawson; Goodwin, John; Resnekov, Leon, very early recognition of coronary heart disease. based on a symposium arranged by the Cardiothoracic Institute. associated with the National Heart and Chest Hospital and held at the Royal College of Physicians, London, on the 4th and 5th May, 1977, **129:** 252, 1978
McGowan, Larry, gynecologic oncology, **129:** 536, 1978
McNulty, James G., radiology of the liver. vol. 13 of saunders monographs in clinical radiology, **126:** 544, 1978
Meredith, W. J.; Massey, J. B., eds., fundamental physics of radiology. 3rd ed., **126:** 824, 1978
Meschan, Isadore, synopsis of radiologic anatomy with computed tomography, **127:** 820, 1978
Morse, Dryden; Steiner, Robert M., pacemaker and valve identification guide, **128:** 802, 1978
Muir, C. S.; Wagner, G., eds., directory of on-going research in cancer epidemiology 1977, **127:** 202, 1978
Muller, W. A.; Ebert, H. G., eds., biological effects of ^{224}Ra. benefit and risk of therapeutic application. proceedings of the second symposium at Neuherberg/Munchen, September 20–21, 1976, **128:** 802, 1978
Nanda, Navin C.; Gramiak, Raymond, clinical echocardiography, **129:** 536, 1978
Newton, Thomas H.; Potts, D. Gordon, eds., radiology of the skull and brain: anatomy and pathology. vol. 3., **126:** 544, 1978
Oestreich, Alan E., pediatric radiology: medical outline series, **126:** 544, 1978
Petres, Johannes; Hundeiker, Max, dermatosurgery, **129:** 536, 1978
Rabinowitz, Jack G., pediatric radiology, **129:** 536, 1978
Ranniger, K., ed., diseases of the skeletal system (roentgen diagnosis). vol. 6: bone tumors, **128:** 261, 1978
Reisner, Klaus; Gosepath, Jochen, craniotomography. atlas and guide, **129:** 252, 1978
Reuter, Stewart R.; Redman, Helen C., gastrointestinal angiograpjy. 2nd ed. vol. 1 in the series Saunders monographs in clinical radiology, **126:** 824, 1978
Rhyne, Theodore L., acoustic instrumentation and characterisation of lung tissue. ultrasound in biomedicine series, vol. 2, **126:** 269, 1978
Rollo, F. David, nuclear medicine physics, instrumentation, and agents, **127:** 202, 1978
Rossi-Fanelli, Alessandro; Cavaliere, Renato; Mondovi, Bruno; Moricca, Guido, eds., selective heat sensitivity of cancer cells: recent results in cancer research, **126:** 269, 1978
Rothfeld, Benjamin, ed., nuclear medicine endocrinology, **129:** 536, 1978
Ruijs, J. H. J.; Hulst, S. G. T., diagnosis of cholecystoses: radiological survey with clinical aspects, **126:** 544, 1978
Selecki, B. R., low back disability: neurosurgical, orthopaedic and radiological symposium, **129:** 782, 1978
Serafini, Aldo N.; Beaver, Joe E., eds., medical cyclotrons in nuclear medicine, Vol. 4 of progress in nuclear medicine, **127:** 820, 1978
Shipps, Fred C.; Jones, J. McAndrew; D'Agostino, Anthony , atlas of brain anatomy for C. T. scans. using EMI terminology. 2d ed., **126:** 824, 1978
Simon, George, principles of chest x-ray diagnosis. 4th ed, **128:** 802, 1978
Simon, George; Hamilton, William J., x-ray anatomy, **128:** 802, 1978
Skalpe, Ingar O.; Sortland, Ove, myelography. lumbar—thoracic—cervical with water-soluble contrast medium (Amipaque), **129:** 536, 1978
Steel, G. Gordon, growth kinetics of tumours. cell population kinetics in relation to the growth and treatment of cancer, **128:** 261, 1978
Stewart, Edward T.; Vennes, Jack A.; Geenen, Joseph E., eds., atlas of endoscopic retrograde cholangiopancreatography, **126:** 544, 1978
Stoll, Basil A., ed., breast cancer management-early and late, **126:** 269, 1978
Stoll, Basil A. ed., secondary spread in breast cancer. vol. 3 in the series new aspects of breast cancer, **126:** 824, 1978
Streffer, Christian; van Beuningen, D.; Dietzel, F.; Rottinger, E.; Robinson, J. E.; Scherer, E.; Seeber, S.; Trott, K.-R., eds., cancer therapy by hyperthermia and radiation. proceedings of the 2nd international symposium, Essen, June 2-4, 1977, **129:** 782, 1978
Sutow, Wataru W.; Vietti, Teresa J.; Fernbach, Donald J., eds., clinical pediatric oncology, 2nd ed., **127:** 202, 1978
Sutton, David, radiology for medical students. 3rd ed., **127:** 538, 1978
Szikla, G.; Bouvier, G.; Hori, T.; Petrov, Y., angiography of the human brain cortex: atlas of vascular patterns and stereotactic cortical localization, **128:** 555, 1978
Takahashi, Mutsumasa, atlas of carotid angiography, **126:** 269, 1978
Takahashi, Mutsumasa, atlas of carotid angiography, **128:** 261, 1978
Taylor, Kenneth J. W., atlas of gray scale ultrasonography, **128:** 555, 1978
Thompson, Horace E.; Bernstine, Richard L., diagnostic ultrasound in clinical obstetrics and gynecology, **129:** 252, 1978
Thompson, Thomas T., practical approach to modern x-ray equipment, **128:** 261, 1978
Verel, David; Grainger, Ronald G., cardiac catheterization and angiocardiography, 3rd ed, **129:** 252, 1978
Weisberg, Leon A.; Nice, Charles; Katz, Myron, cerebral computed tomography: text-atlas, **129:** 536, 1978
Weston, W. J.; Palmer, D. G., soft tissues of the extremities. radiographic study of rheumatic disease, **128:** 555, 1978
White, D. N., ed., recent advances in ultrasound in biomedicine. vol. 1, 1977. vol. 3 of ultrasound in biomedicine, **127:** 820, 1978
Whitehouse, Walter M.; Bookstein, Joseph J.; Gabrielsen, Trygve O.; Holt, John F.; Martel, William; Thornbury, John R.; Wolson, Alan H., eds., year book of diagnostic radiology 1977, **126:** 269, 1978
Whitehouse, Walter M., ed., year book of diagnostic radiology 1978, **128:** 555, 1978
White, Kerr L.; Anderson, Donald O.; Kalimo, Esko; Kleczkowski, Bogdan M.; Purola, Tapani; Vukmanovic, Cedomir, health services: concepts and information for national planning and management: experiences based on the WHO/international collaborative study of medical care utilization, **127:** 538, 1978
Wicke, Lothar, atlas of radiologic anatomy, **128:** 802, 1978
Wilkins, Jr., Earle W., ed., MGH textbook of emergency medicine: emergency care as practiced at the Massachusetts General Hospital, **129:** 782, 1978
Witten, David M.; Myers, Jr., George H.; Utz, David C., Emmett's clinical urography. atlas and textbook of roentgenologic diagnosis. 4th ed. Vols. 1-3, **127:** 202, 1978
Wolfe, John N., xeroradiography: breast calcifications, **126:** 544, 1978
Yamashita, Hideaki, roentgenologic anatomy of the lung, **129:** 536, 1978

Zaino, Costantino, radiologic examination of the orohypopharynx and esophagus: barium swallow, Reviewed by Beneventano, Thomas C., **128:** 555, 1978
Zizmor, Judah; Noyek, Arnold M., atlas of otolaryngologic radiology, **128:** 802, 1978
Botulism
infant botulism: unusual cause of intestinal hypomotility, Merten, David F.; Leung, Kenneth; Goller, David S., (AJR), **131:** 523, 1978
Bovine TSH
human reaction to bovine TSH: concise communication (ab), Krishnamurthy, G. T., **128:** 576, 1978
Brain
See also Aqueduct of Sylvius; Brain neoplasms; Cerebellum; Choroid plexus; Cisterns, subarachnoid; Corpus callosum; Head; Hydrocephalus; Meninges; Sella turcica, etc.
emergency plain film radiology of the nontraumatized patient with altered consciousness, Moody, Dixon, M.; Laster, D. Wayne; Ball, Marshall R.; Crowe, James E.; McWhorter, Joe M., (RCNA), **16:** 49, 1978
Brain, abnormalities
Aicardi's syndrome; radiologic manifestations, Phillips, Harold E.; Carter, Anthony P.; Kennedy, Jr., Joseph L.; Rosman, N. Paul; O'Connor, John F., **127:** 453, 1978
computed tomography in syringomyelia and the associated Arnold-Chiari type I malformation (ab), Forbes, W. St. C.; Isherwood, I., **129:** 855, 1978
Dandy-Walker syndrome: clinico-pathological features and reevaluation of modes of treatment (ab), Carmel, Peter W.; Antunes, J. Lobo; Hilal, Sadek K.; Gold, Arnold P., **126:** 833, 1978
enlarged cisternae magnae and posterior fossa cysts simulating Dandy–Walker syndrome on computed tomography, Archer, Carol R.; Darwish, Husem; Smith, Jr., Kenneth, **127:** 681, 1978
inverse cerebellum and occipital encephalocele: dorsal fusion defect uniting the Arnold-Chiari and Dandy-Walker spectrum (ab), Smith, Michael T.; Huntington, Howard W., **126:** 272, 1978
radiographic features of unilateral megalencephaly (ab), Fitz, C. R.; Harwood-Nash, D. C.; Boldt, D. W., **129:** 852, 1978
radiologic findings of hamartomas of the tuber cinereum and hypothalamus, Lin, Shu-Ren; Bryson, Michael M.; Gobien, Rolf P.; Fitz, Charles R.; Lee, Ya-Yen, **127:** 697, 1978
respiratory obstruction and apnea in infants with bilateral abductor vocal cord paralysis, meningomyelocele, hydrocephalus, and Arnold-Chiari malformation (ab), Holinger, Paul C.; Holinger, Lauren D.; Reichart, Timothy J.; Holinger, Paul H., **129:** 560, 1978
surgical relief of progressive upper limb paralysis in Arnold-Chiari malformation (ab), Gol, Alexander; Hellbusch, Leslie C., **129:** 568, 1978
Brain, abscess
computed tomographic brain scanning in intraparenchymal pyogenic abscesses, Stevens, Edwin A.; Norman, David; Kramer, Richard A.; Messina, Albert B.; Newton, Thomas H., (AJR), **130:** 111, 1978
computerized tomography and surgical treatment in intracranial suppuration: report of 30 consecutive unselected cases of brain abscess and subdural empyema (ab), Joubert, Mauritius J.; Stephanov, Stephan, **127:** 843, 1978
Brain, anatomy
choroidal artery to the fourth ventricle and its radiological significance, Kumar, Ashok J.; Naidich, Thomas P.; George, Ajax E.; Lin, Joseph P.; Kricheff, Irvin I., **126:** 431, 1978
microsurgical anatomy of the upper basilar artery and the posterior circle of Willis (ab), Saeki, Naokatsu; Rhoton, Jr., Albert L., **126:** 832, 1978
normal computed tomography anatomy of the suprasellar subarachnoid space, Wiggli, Urs; Benz, Ulrich F., **128:** 65, 1978
normal limits of the lateral cerebral ventricles on the lateral phlebogram: statistical analysis (ab), Belloni, G.; Di Rocco, C.; Galli, G.; Iannelli, A.; Izzo, G., **127:** 845, 1978
radiologic anatomy of the brain (bk rev), Salamon, George; Huang, Yun Peng, Reviewed by Houser, O. Wayne, **128:** 108, 1978
symposium on development of the basicranium. DHEW publ. (NIH) 76-989 (bk rev), Bosma, James F., ed., Reviewed by Strand, R.; Gilles, F., **129:** 418, 1978
Brain, angiography
See Brain, blood supply; Brain neoplasms, angiography; Cerebral angiography; Cerebral blood vessels
Brain, atrophy
adrenoleukodystrophy: correlative analysis of computed tomography and radionuclide studies, Furuse, Makoto; Obayashi, Taminori; Tsuji, Shoji; Miyatake, Tadashi, **126:** 707, 1978
steroids and apparent cerebral atrophy on computed tomography scans (ab), Bentson, John; Reza, Michael; Winter, James; Wilson, Gabriel, **128:** 268, 1978
Brain, blood supply
computed tomographic measurement of the xenon brain–blood partition coefficient and implications for regional cerebral blood flow: preliminary report, Kelcz, Frederick; Hilal, Sadek K.; Hartwell, Patricia; Joseph, Peter M., **127:** 385, 1978
noninvasive assessment of collateral blood flow of the cerebral hemisphere by Doppler ultrasound (ab), Bone, George E.; Slaymaker, Earlene E.; Barnes, Robert W., **128:** 281, 1978
non-invasive regional study of chronic cerebrovascular disorders using the oxygen-15 inhalation technique (ab), Lenzi, G. L.; Jones, T.; McKenzie, C. G.; Moss, S., **129:** 559, 1978
study of regional cerebral metabolism and blood flow relationships in man using the method of continuously inhaling oxygen-15 and oxygen-15 labelled carbon dioxide (ab), Lenzi, G. L.; Jones, T.; McKenzie, C. G.; Buckingham, P. D.; Clark, J. C.; Moss, S., **129:** 559, 1978
Brain, calcification
calcification of basal ganglia and cerebellar roof nuclei in mentally defective patient with hidrotic ectodermal dysplasia: analysis of intracranial concretions by electron microprobe (ab), Copeland, Dana D.; Lamb, William A.; Klintworth, Gordon K., **129:** 275, 1978
computed tomography of herpes simplex encephalitis, Enzmann, Dieter R.; Ranson, B.; Norman, D.; Talberth, E., **129:** 419, 1978
intracranial calcification in childhood leukemia: association with systemic chemotherapy (ab), McIntosh, Sue; Fischer, Diana B.; Rothman, Stephen G.; Rosenfield, Nancy; Lobel, Jeffrey S.; O'Brien, Richard T., **128:** 561, 1978
relative detectability of intracranial calcifications on computed tomography and skull radiography (ab), Norman, David; Diamond, Charles; Boyd, Douglas, **128:** 269, 1978
Brain, computed tomography
See Computed tomography, head
Brain, cysts
enlarged cisternae magnae and posterior fossa cysts simulating Dandy–Walker syndrome on computed tomography, Archer, Carol R.; Darwish, Husem; Smith, Jr., Kenneth, **127:** 681, 1978
radiological manifestations of infratentorial retrocerebellar cysts (ab), Mori, K.; Hayashi, P.; Handa, H., **127:** 843, 1978
supratentorial intracerebral epithelial (ependymal) cysts: review, case reports, and fine structure (ab), Friede, R. L.; Yasargil, M. Gazy, **126:** 272, 1978
Brain, death
confirmation of brain death at bedside by isotope angiography (ab), Goodman, Julius M.; Heck, Larry L., **127:** 573, 1978
radionuclide bolus angiography: technique for verification of brain death in infants and children (ab), Ashwal, Stephen; Smith, Andrew J. K.; Torres, Fernando; Loken, Merle; Chou, Shelley N., **128:** 574, 1978
Brain, diseases
adrenoleukodystrophy: correlative analysis of computed tomography and radionuclide studies, Furuse, Makoto; Obayashi, Taminori; Tsuji, Shoji; Miyatake, Tadashi, **126:** 707, 1978
angiographic ocular choroidal crescent: distortion with intraorbital and remote intracranial pathology (ab), Osborn, A. G.; Thurman, D. J.; Van Dyk, H. J. L., **129:** 558, 1978
evaluation of ependymal and subependymal lesions by cranial computed tomography, Osborn, Anne G.; Daines, Jonathan H.; Wing, S. Douglas, **127:** 397, 1978
progressive abnormalities in the brain scan in adrenal leukodystrophy, Chatterton, B. E., (AJR), **129:** 939, 1977
Brain, edema
computed tomography of pediatric head trauma: acute general cerebral swelling, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Bruce, Derek; Dolinskas, Carol; Obrist, Walter; Kuhl, David, **126:** 403, 1978
lead encephalopathy simulating a cerebral neoplasm in an adult: case report (ab), Powers, James M.; Rawe, Stephen E.; Earlywine, Garnett R., **127:** 844, 1978
Brain, fungus
rhinocerebral phycomycosis (ab), Yanagisawa, Eiji; Kundargi, Stanley S.; Smith, Howard W., **128:** 560, 1978
Brain, growth and development
symposium on development of the basicranium. DHEW publ. (NIH) 76-989 (bk rev), Bosma, James F., ed., Reviewed by Strand, R.; Gilles, F., **129:** 418, 1978
Brain, hemorrhage
acute cerebellar hemorrhage: analysis of clinical findings and outcome in 12 cases (ab), Brennan, Robert W.; Bergland, Richard M., **127:** 844, 1978
computed tomography in isodense subdural hematoma, Kim, Kwang S.; Hemmati, Masoud; Weinberg, Peter E., **128:** 71, 1978
computed tomography of herpes simplex encephalitis, Enzmann, Dieter R.; Ranson, B.; Norman, D.; Talberth, E., **129:** 419, 1978
computerized tomography in the management of intracranial bleeding in hemophilia (ab), Kinney, Thomas R.; Zimmerman, Robert A.; Butler, Regina B.; Gill, Frances M., **127:** 276, 1978
CT detection and course of intracranial hemorrhage in premature infants, Rumack, Carol M.; McDonald, Marilyn M.; O'Meara, Owen P.; Sanders, Bob B.; Rudikoff, Jeffrey C., (AJR), **131:** 493, 1978
diagnosis of extracerebral fluid collections by computed tomography, Cornell, Steven H.; Chiu, Lee C.; Christie, James H., (AJR), **131:** 107, 1978
epidural hematoma of the posterior fossa: radionuclide features, Hulvat, Gerald F.; Batnitzky, Solomon; Wellman, Henry N., **127:** 194, 1978
incidence and evolution of subependymal and intraventricular hemorrhage: study of infants with birth weights less than 1,500 Gm (ab), Papile, Lu-Ann; Burstein, Jerome; Burstein, Rochelle; Koffler, Herbert, **129:** 557, 1978
intracranial hemorrhage caused by metastatic tumors (ab), Mandybur, T. I., **127:** 844, 1978
intraventricular hemorrhage in adults (ab), Little, John R.; Blomquist, Jr., Gustav A.; Ethier, Romeo, **126:** 832, 1978
resolving intracerebral hematoma: alteration of the "ring sign" with steroids, Laster, D. Wayne; Moody, Dixon M.; Ball, Marshall R., (AJR), **130:** 935, 1978
subdural hematomas due to ruptured cerebral aneurysms: angiographic diagnosis and potential pitfall for CT, Handel, Stanley F.; Perpetuo, Francisco O. L.; Handel, Carolyn H., (AJR), **130:** 507, 1978
Brain, hernia
computed tomography in the evaluation of encephaloceles in infants and children (ab), Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Rogovitz, David M., **128:** 268, 1978
descending tentorial herniation: findings on computed tomography (ab), Stovring, Jorgen, **128:** 850, 1978
diagnosis of ascending transtentorial herniation by cranial computed tomography, Osborn, Anne G.; Heaston, Dennis K.; Wing, S. Douglas, (AJR), **130:** 755, 1978
inverse cerebellum and occipital encephalocele: dorsal fusion defect uniting the Arnold-Chiari and Dandy-Walker spectrum (ab), Smith, Michael T.; Huntington, Howard W., **126:** 272, 1978
Brain, infarction
angiographic manifestations in postrecanalized cerebral infarction (ab), Irino, Tadayoshi; Taneda, Mamoru; Minami, Takao, **126:** 831, 1978
computed tomography and radionuclide imaging in the evaluation of ischemic stroke, Campbell, J. Keith; Houser, O. Wayne; Stevens, J. Clarke; Wahner, Heinz W.; Baker, Jr., Hillier L.; Folger, W. Neath, **126:** 695, 1978
Brain, infection
computed tomography of herpes simplex encephalitis, with clinicopathological correlation, Davis, James M.; Davis, Kenneth R.; Kleinman, George M.; Kirchner, Howard S.; Taveras, Juan M., **129:** 409, 1978
computed tomography of herpes simplex encephalitis, Enzmann, Dieter R.; Ranson, B.; Norman, D.; Talberth, E., **129:** 419, 1978
Brain, injuries
computed tomography of pediatric head trauma: acute general cerebral swelling, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Bruce, Derek; Dolinskas, Carol; Obrist, Walter; Kuhl, David, **126:** 403, 1978

computed tomography of shearing injuries of the cerebral white matter, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Genneralli, Thomas, **127:** 393, 1978
cranial computed tomography in diagnosis and management of acute head trauma, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Gennarelli, Thomas; Bruce, Derek; Dolinskas, Carol; Uzzell, Barbara, (AJR), **131:** 27, 1978
delayed evolution of posttraumatic subdural hygroma (ab), French, Barry N.; Cobb, III, Cully A.; Corkill, Guy; Youmans, Julian R., **128:** 850, 1978
diagnosis of extracerebral fluid collections by computed tomography, Cornell, Steven H.; Chiu, Lee C.; Christie, James H., (AJR), **131:** 107, 1978
diffuse brain damage of immediate impact type: its relationship to 'primary brain-stem damage' in head injury (ab), Adams, J. Hume; Mitchell, Dorothy E.; Graham, D. I.; Doyle, David, **127:** 845, 1978
traumatic aneurysm of peripheral cerebral arteries: report of two cases (ab), Asari, Syoji; Nakamura, Shigeo; Yamada, Osamu; Beck, Hiroichi; Sugatani, Hiroshi; Higashi, Toru, **127:** 844, 1978

Brain, necrosis
delayed radiation necrosis of the brain (ab), Martins, Albert N.; Johnston, James S.; Henry, James M.; Stoffel, Thomas J.; Di Chiro, Giovanni, **128:** 287, 1978
failure of computerized tomography to differentiate between radiation necrosis and cerebral tumour (ab), Van Dellen, J. R.; Danziger, A., **128:** 849, 1978
radiation necrosis of the brain: correlation between computed tomography, pathology, and dose distribution (ab), Mikhael, Michael A., **128:** 287, 1978

Brain neoplasms
See also Cerebellum; Choroid plexus; Meninges, neoplasms
broca aphasia: pathologic and clinical (ab), Mohr, J. P.; Pessin, M. S.; Finkelstein, S.; Funkenstein, H. H.; Duncan, G. W.; Davis, K. R., **129:** 559, 1978
primary reticulum cell sarcoma of the brain in Wiskott-Aldrich syndrome: report of a case (ab), Model, Lawrence M., **128:** 280, 1978
recurrent meningitis due to an intracranial epidermoid (ab), Schwartz, James F.; Balentine, J. Douglas, **129:** 558, 1978
trigeminal false localizing signs and their causation (ab), O'Connell, J. E. A., **129:** 557, 1978

Brain neoplasms, angiography
angiographic diagnosis of fourth ventricle tumors, Numaguchi, Yuji; Kishikawa, Takashi; Fukui, Masashi; Komaki, Senichiro; Russell, Walter J.; Ikeda, Jun; Okudera, Toshio; Matsuura, Keiichi; Kitamura, Katsutoshi, **128:** 393, 1978
angiographic manifestations of soft-tissue and osseous hemangiopericytomas, Yaghmai, Issa, **126:** 653, 1978
tuberous sclerosis: comparison of computed tomography and conventional neuroradiology, Lee, Benjamin C. P.; Gawler, Jeffrey, **127:** 403, 1978

Brain neoplasms, calcification
characteristics of calcification in tumors of the pineal gland, Lin, Shu-Ren; Crane, Michael D.; Lin, Zwu-Shin; Bilaniuk, Larissa; Plassche, Jr., Walter M.; Marshall, Larry; Spataro, Robert F., **126:** 721, 1978
computed tomography and skull radiography in the diagnosis of calcified brain tumor, Gouliamos, Athanassios D.; Jimenez, John P.; Goree, John A., (AJR), **130:** 761, 1978

Brain neoplasms, computed tomography
See also Computed tomography, head
angiographic diagnosis of fourth ventricle tumors, Numaguchi, Yuji; Kishikawa, Takashi; Fukui, Masashi; Komaki, Senichiro; Russell, Walter J.; Ikeda, Jun; Okudera, Toshio; Matsuura, Keiichi; Kitamura, Katsutoshi, **128:** 393, 1978
computed tomography in astrocytomas: statistical analysis of the parameters of malignancy and the positive contrast-enhanced CT scan, Butler, Alan R.; Horii, Steven C.; Kricheff, Irvin I.; Shannon, Michael B.; Budzilovich, Gleb N., **129:** 433, 1978
computed tomography in craniopharyngiomas, Fitz, Charles R.; Wortzman, George; Harwood-Nash, Derek C.; Holgate, Richard C.; Barry, Jonathan F.; Boldt, David W., **127:** 687, 1978
computed tomography in the diagnosis and differential diagnosis of glioblastomas: qualitative study of 295 cases (ab), Steinhoff, H.; Lanksch, W.; Kazner, E.; Grumme, T.; Meese, W.; Lange, S.; Aulick, A.; Schindler, E.; Wende, S., **128:** 850, 1978
computed tomography in the follow-up of medulloblastomas and ependymomas, Enzmann, Dieter R.; Norman, David; Levin, Victor; Wilson, Charles; Newton, Thomas H., **128:** 57, 1978
coronal and sagittal reconstruction in computerised tomography (ab), Boroff, R. D.; Pribram, H. F. W., **128:** 268, 1978
cranial chordomas (ab), Kendall, B. E.; Lee, B. C. P., **128:** 850, 1978
extra-axial posterior fossa lesions simulating intra-axial lesions on computed tomography, Miller, Edward M.; Newton, Thomas H., **127:** 675, 1978
failure of computerized tomography to differentiate between radiation necrosis and cerebral tumour (ab), Van Dellen, J. R.; Danziger, A., **128:** 849, 1978
non-contrast CT scanning: limited value in suspected brain tumor, Butler, Alan R.; Kricheff, Irvin I., **126:** 689, 1978
primary tumors and other masses of the cerebellum and fourth ventricle: differential diagnosis by computed tomography (ab), Naidich, T. P.; Lin, J. P.; Leeds, N. E.; Pudlowski, R. M.; Naidich, J. B., **128:** 849, 1978
protocol for the use of contrast enhancement in cranial computed tomography, Latchaw, Richard E.; Gold, Lawrence H. A.; Tourje, E. James, **126:** 681, 1978
quantitative aspects of contrast enhancement in cranial computed tomography, Norman, David; Stevens, Edwin A.; Wing, S. Douglas; Levin, Victor; Newton, Thomas H., **129:** 683, 1978

Brain neoplasms, diagnosis
See also Brain neoplasms, radionuclide diagnosis; other subheads under Brain neoplasms
angiographic diagnosis of fourth ventricle tumors, Numaguchi, Yuji; Kishikawa, Takashi; Fukui, Masashi; Komaki, Senichiro; Russell, Walter J.; Ikeda, Jun; Okudera, Toshio; Matsuura, Keiichi; Kitamura, Katsutoshi, **128:** 393, 1978
angiographic manifestations of soft-tissue and osseous hemangiopericytomas, Yaghmai, Issa, **126:** 653, 1978
angiographic study of the temporal horn, Salamon, Georges; Lecaque, G. L.; Strother, Charles M., **128:** 387, 1978
arterial and venous signs of tumors within the fourth ventricle (ab), van Damme, W.; Reolon, M.; Pereira, N.; Wachenheim, C., **127:** 845, 1978
association of Wilms' tumor with second primary malignancies (ab), Wexler, Howard A.; Poole, Catherine A.; Fojaco, Rita M., **127:** 283, 1978
characteristics of calcification in tumors of the pineal gland, Lin, Shu-Ren; Crane, Michael D.; Lin, Zwu-Shin; Bilaniuk, Larissa; Plassche, Jr., Walter M.; Marshall, Larry; Spataro, Robert F., **126:** 721, 1978
computed tomography and skull radiography in the diagnosis of calcified brain tumor, Gouliamos, Athanassios D.; Jimenez, John P.; Goree, John A., (AJR), **130:** 761, 1978
computed tomography in craniopharyngiomas, Fitz, Charles R.; Wortzman, George; Harwood-Nash, Derek C.; Holgate, Richard C.; Barry, Jonathan F.; Boldt, David W., **127:** 687, 1978
computed tomography in primary malignant lymphoma of the brain (ab), Tadmor, Rina; Davis, Kenneth R.; Roberson, Glenn H.; Kleinman, George M., **129:** 271, 1978
computed tomography in the diagnosis of primary lymphoma of the central nervous system (ab), Radvany, Joao; Levine, Harvey, **129:** 272, 1978
computed tomography in the evaluation of subdural hematomas, Forbes, Glenn S.; Sheedy, II, Patrick F.; Piepgras, David G.; Houser, O. Wayne, **126:** 143, 1978
computed tomography of cerebellar astrocytoma, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Bruno, Leonard; Rosenstock, Jeffrey, (AJR), **130:** 929, 1978
computer assisted tomography in primary malignant lymphomas of the brain (ab), Kasner, Ekkehard; Wilske, Jochen; Steinhoff, Harald; Stochdorph, Otto, **129:** 271, 1978
computerized tomography as a possible aid to histological grading of supratentorial gliomas (ab), Tchang, Stanley; Terbrugge, Karel; Melancon, Denis; Belanger, Gary; Milner, Curt; Ethier, Romeo; Scotti, Giuseppe, **127:** 842, 1978
diagnosis of ascending transtentorial herniation by cranial computed tomography, Osborn, Anne G.; Heaston, Dennis K.; Wing, S. Douglas, (AJR), **130:** 755, 1978
effective atomic number and electron density as measured with a computed tomography scanner: computation and correlation with brain tumor histology (ab), Latchaw, Richard E.; Payne, J. Thomas; Gold, Lawrence H. A., **129:** 271, 1978
evaluation of current diagnostic radiologic modalities in the investigation of acoustic neurilemmomas, Dubois, Philip J.; Drayer, Burton P.; Bank, William O.; Deeb, Ziad L.; Rosenbaum, Arthur E., **126:** 173, 1978
extravascular iodine in contrast enhancement with computed tomography (ab), Handa, J.; Matsuda, I.; Handa, H.; Nakano, Y.; Komuro, H.; Nakajima, K., **129:** 851, 1978
false-negative computerized tomography in brain tumor (ab), Tentier, Robert L.; Palacios, Enrique, **126:** 548, 1978
intracanalicular meningioma with normal tomography: case report (ab), Susac, John O.; Martins, Albert N.; Whaley, Robert A., **126:** 831, 1978
intracranial biopsy assisted by computerized tomography (ab), Maroon, Joseph C.; Bank, William O.; Drayer, Burton P.; Rosenbaum, Arthur E., **127:** 843, 1978
intracranial tumors simulating the presentation of cerebrovascular syndromes: early detection with cerebral computed tomography (CCT) (ab), Weisberg, Leon A.; Nice, Charles M., **127:** 276, 1978
localization of vertex lesions seen on CT scan (ab), O'Leary, Daniel H.; Lavyne, Michael H., **129:** 559, 1978
metrizamide ventriculography and computed tomography in lesions about the third ventricle, Strand, Roy D.; Baker, Richard A.; Ordia, Idahosa J.; Arkins, Thomas J., **128:** 405, 1978
recent cases of intracranial tuberculomas (ab), Mayers, Marguerite M.; Kaufman, David M.; Miller, Michael H., **129:** 558, 1978
tuberous sclerosis: comparison of computed tomography and conventional neuroradiology, Lee, Benjamin C. P.; Gawler, Jeffrey, **127:** 403, 1978

Brain neoplasms, metastases
computed tomography in the follow-up of medulloblastomas and ependymomas, Enzmann, Dieter R.; Norman, David; Levin, Victor; Wilson, Charles; Newton, Thomas H., **128:** 57, 1978
distant metastases from medulloblastoma (ab), Das, S.; Dalby, J. E., **127:** 861, 1978
midline pineal tumors and suprasellar germinomas: highly curable by irradiation, Sung, Duk Il; Harisiadis, Leon; Chang, Chu H., **128:** 745, 1978

Brain neoplasms, radionuclide diagnosis
See also Brain, radionuclide studies
clinically silent brain metastases: can radionuclide scintigraphy detect them? (ab), Vieras, Frank; Boyd, Charles M., **127:** 573, 1978
computed tomography in the follow-up of medulloblastomas and ependymomas, Enzmann, Dieter R.; Norman, David; Levin, Victor; Wilson, Charles; Newton, Thomas H., **128:** 57, 1978
computerized transaxial tomography and cerebral serial scintigraphy in intracranial tumors—rates of detection and tumor-type identification: concise communication (ab), Buell, Udalrich; Niendorf, Hans P.; Kazner, Ekkehard; Lanksch, Wolfgang; Wilske, Jochen; Steinhoff, Harald; Gahr, Hannelore, **129:** 285, 1978
cranial chordomas (ab), Kendall, B. E.; Lee, B. C. P., **128:** 850, 1978
diagnosis of cerebral lesions by thallium 201, Ancri, Daniel; Basset, Jean-Yves; Lonchampt, M. F.; Etavard, Christian, **128:** 417, 1978
quantitative clinical comparison of three ^{99m}technetium labeled brain imaging radiopharmaceuticals, Ryerson, Thomas W.; Spies, Stewart M.; Singh, N. Bhurji; Zeman, Robert K., **127:** 429, 1978

Brain neoplasms, secondary
clinically silent brain metastases: can radionuclide scintigraphy detect them? (ab), Vieras, Frank; Boyd, Charles M., **127:** 573, 1978
effectiveness of prophylactic brain irradiation in small cell carcinoma of the lung: Southwest Oncology Group Study (ab), Moore, Terence N.; Livingston, Robert; Heilbrun, Lance; Eltringham, James; Skinner, Odis; White, Joel; Tesh, Donald, **129:** 575, 1978
intracranial hemorrhage caused by metastatic tumors (ab), Mandybur, T. I., **127:** 844, 1978

malignant melanoma metastatic to the central nervous system, Enzmann, Dieter R.; Kramer, Richard; Norman, David; Pollock, James, **127:** 177, 1978
'silent' brain metastasis from lung carcinoma determined by computerized tomography (ab), Jacobs, Lawrence; Kindel, William R.; Vincent, Ronald G., **128:** 269, 1978

Brain neoplasms, surgery
surgical management of vagal chemodectomas (ab), Black, F. Owen; Myers, Eugene M.; Parnes, Steven M., **128:** 562, 1978

Brain neoplasms, therapeutic radiology
effectiveness of prophylactic brain irradiation in small cell carcinoma of the lung: Southwest Oncology Group Study (ab), Moore, Terence N.; Livingston, Robert; Heilbrun, Lance; Eltringham, James; Skinner, Odis; White, Joel; Tesh, Donald, **129:** 575, 1978
midline pineal tumors and suprasellar germinomas: highly curable by irradiation, Sung, Duk Il; Harisiadis, Leon; Chang, Chu H., **128:** 745, 1978
spectrum of medulloblastomas demonstrated by computed tomography, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Pahlajani, Hiro, **126:** 137, 1978

Brain neoplasms, therapy
distant metastases from medulloblastoma (ab), Das, S.; Dalby, J. E., **127:** 861, 1978

Brain, pressure in
angiographic ocular choroidal crescent: distortion with intraorbital and remote intracranial pathology (ab), Osborn, A. G.; Thurman, D. J.; Van Dyk, H. J. L., **129:** 558, 1978

Brain, radiation effects
delayed radiation necrosis of the brain (ab), Martins, Albert N.; Johnston, James S.; Henry, James M.; Stoffel, Thomas J.; Di Chiro, Giovanni, **128:** 287, 1978
radiation necrosis of the brain: correlation between computed tomography, pathology, and dose distribution (ab), Mikhael, Michael A., **128:** 287, 1978

Brain, radiography
See also Computed tomography
computer assisted ventriculography (ab), Sivalingam, Selvadural; Dublin, Arthur B.; Youmans, Julian R., **129:** 271, 1978
effects of general anaesthesia on size of cerebrospinal fluid spaces during and after pneumoencephalography (ab), Moseley, I. F.; Loh, L.; du Boulay, G. H., **129:** 275, 1978
metrizamide ventriculography and computed tomography in lesions about the third ventricle, Strand, Roy D.; Baker, Richard A.; Ordia, Idahosa J.; Arkins, Thomas J., **128:** 405, 1978
routine skull roentgenograms in the management of simple febrile seizures (ab), Nealis, James G. T.; McFadden, Samuel W.; Asnes, Russell A.; Ouellette, Eileen M., **126:** 273, 1978
studies of the third circulation: Amipaque CT cisternography and ventriculography (ab), Drayer, Burton P.; Rosenbaum, Arthur E., **129:** 845, 1978
ventriculography with non-ionic water-soluble contrast medium, Amipaque (metrizamide): comparative experimental and clinical studies (ab), Suzuki, Shigeharu; Ito, Kenjiro; Iwabuchi, Takashi, **127:** 855, 1978

Brain, radionuclide studies
See also Brain neoplasms; Cisternography; other subheads under Brain
adrenoleukodystrophy: correlative analysis of computed tomography and radionuclide studies, Furuse, Makoto; Obayashi, Taminori; Tsuji, Shoji; Miyatake, Tadashi, **126:** 707, 1978
computed tomography and radionuclide imaging in the evaluation of ischemic stroke, Campbell, J. Keith; Houser, O. Wayne; Stevens, J. Clarke; Wahner, Heinz W.; Baker, Jr., Hillier L.; Folger, W. Neath, **126:** 695, 1978
confirmation of brain death at bedside by isotope angiography (ab), Goodman, Julius M.; Heck, Larry L., **127:** 573, 1978
diagnosis of cerebral lesions by thallium 201, Ancri, Daniel; Basset, Jean-Yves; Lonchampt, M. F.; Etavard, Christian, **128:** 417, 1978
dynamic radionuclide scanning in the diagnosis of thrombosis of the superior sagittal sinus (ab), Barnes, Barbara D.; Winestock, David P., **127:** 860, 1978
early clinical experience with a radionuclide emission computed tomographic brain imaging system, Hill, Thomas C.; Costello, Philip; Gramm, Herbert F.; Lovett, Richard; McNeil, Barbara J.; Treves, Salvador, **128:** 803, 1978
effect of varying dose levels of intravenous sodium perchlorate on choroid plexus visualization (ab), Tetalman, Marc R.; Scheu, John D.; Araujo, Otaviano; Sheriff, Richard A., **127:** 575, 1978
epidural hematoma of the posterior fossa: radionuclide features, Hulvat, Gerald F.; Batnitzky, Solomon; Wellman, Henry N., **127:** 194, 1978
indications for liver and brain scans: screening tests for patients with oat cell carcinoma of the lung (ab), Wittes, Robert E.; Yeh, Samuel D. J., **127:** 573, 1978
progressive abnormalities in the brain scan in adrenal leukodystrophy, Chatterton, B. E., (AJR), **129:** 939, 1977
quantitative clinical comparison of three ^{99m}technetium labeled brain imaging radiopharmaceuticals, Ryerson, Thomas W.; Spies, Stewart M.; Singh, N. Bhurji; Zeman, Robert K., **127:** 429, 1978
radionuclide bolus angiography: technique for verification of brain death in infants and children (ab), Ashwal, Stephen; Smith, Andrew J. K.; Torres, Fernando; Loken, Merle; Chou, Shelley N., **128:** 574, 1978
radionuclide brain scanning (ab), Andrews, J. T., **127:** 286, 1978
radionuclide imaging in herpes simplex encephalitis, Karlin, Charles A.; Robinson, Ralph G.; Hinthorn, Daniel R.; Liu, Chien, **126:** 181, 1978
rectal perchlorate for unconscious patients prior to brain scintigraphy with pertechnetate: concise communication (ab), Turner, David A.; Ali, Amjad A.; Ochart, Magdalene G.; Sukerkar, Arun M.; Fordham, Ernest W.; Rayudu, Garimella V. S., **127:** 286, 1978
scintigraphic detection of congenital intracranial vascular malformations (ab), Gates, Gary F.; Fishman, Lawrence S.; Segall, Hervey D., **128:** 574, 1978
unusual cause of apparent regional hyperperfusion on radionuclide cerebral angiography study: case report (ab), Soin, Jagmeet S.; Holmes, Richard A., **126:** 558, 1978
ventricular uptake during brain scanning: case report of ventricular lymphomatosis, Conrad, III, William C.; Tetalman, Marc R.; Lloyd, Thomas V.; King, Gerald; Scheu, John D.; Burton, Mark; Schaeffer, Phillip, **128:** 428, 1978

Brain, size
See Brain, volume

Brain stem
See Medulla oblongata

Brain, surgery
computed tomography after psychosurgery (ab), Banna, M.; Adams, K.; Tunks, E.; Finlayson, M. A. J., **128:** 269, 1978

Brain, ultrasound studies
noninvasive assessment of collateral blood flow of the cerebral hemisphere by Doppler ultrasound (ab), Bone, George E.; Slaymaker, Earlene E.; Barnes, Robert W., **128:** 281, 1978

Brain, volume
decrease in ventricular and sulcal size after death, Sarwar, Mohammad; McCormick, William F., **127:** 409, 1978

Breast
mammographic spectrum of traumatic fat necrosis: fallibility of "pathognomonic" signs of carcinoma, Bassett, Lawrence W.; Gold, Richard H.; Cove, Harvey C., (AJR), **130:** 119, 1978

Breast, calcification
isolated clustered microcalcifications in the breast: radiologic-pathologic correlation, Murphy, William A.; DeSchryver-Kecskemeti, Katherine, **127:** 335, 1978

Breast, cysts
breast neoplasms in women treated with x-rays for acute postpartum mastitis (ab), Shore, Roy E.; Hempelmann, Louis H.; Kowaluk, Eugene; Mansur, Paula S.; Pasternack, Bernard S.; Albert, Roy E.; Haughie, Glenn E., **126:** 287, 1978
xeromammographic and ultrasonic diagnosis of a traumatic oil cyst, Morgan, Carlisle L.; Trought, William S.; Peete, William, (AJR), **130:** 1189, 1978

Breast, diseases
hamartoma of the breast: diagnostic observation of 16 cases, Hessler, Christian; Schnyder, Pierre; Ozzello, Luciano, **126:** 95, 1978

Breast, implants
irregularity of silastic breast implants mimicking a soft tissue mass, Grant, Edward G.; Cigtay, Olcay S.; Mascatello, Vincent J., (AJR), **130:** 461, 1978

Breast, male
radiographic characteristics of male breast cancer, Ouimet-Oliva, Denise; Hebert, Guy; Ladouceur, Jacques, **129:** 37, 1978
radiology of breast tumors in the male (ab), Ouimet-Oliva, Denise; Hebert, Guy; Ladouceur, Jacques, **128:** 272, 1978

Breast neoplasms
benefit/risk analysis of aggressive mammographic screening, Fox, Stanley H.; Moskowitz, Myron; Saenger, Eugene L.; Kereiakes, James G.; Milbrath, John; Goodman, Mark W., **128:** 359, 1978
radiology of breast tumors in the male (ab), Ouimet-Oliva, Denise; Hebert, Guy; Ladouceur, Jacques, **128:** 272, 1978
xeroradiography: uncalcified breast masses (bk rev), Wolfe, John N., Reviewed by Alcorn, Franklin S., **126:** 372, 1978

Breast neoplasms, biopsy
isolated clustered microcalcifications in the breast: radiologic-pathologic correlation, Murphy, William A.; DeSchryver-Kecskemeti, Katherine, **127:** 335, 1978

Breast neoplasms, diagnosis
breast cancer incidence among atomic bomb survivors, Hiroshima and Nagasaki, 1950–1969 (ab), McGregor, D. H.; Land, C. E.; Choi, K.; Tokuoka, S.; Liu, P. I.; Wakabayashi, T.; Beebe, G. W., **126:** 287, 1978
breast cancer in women after repeated fluoroscopic examinations of the chest (ab), Boice, Jr., John D.; Monson, Richard R., **126:** 287, 1978
breast cancer mammography patterns (ab), Egan, Robert L.; Mosteller, Robert C., **127:** 277, 1978
Cleopatra view in xeromammography: semireclining position for the tail of the breast, Goodrich, Jr., William A., **128:** 811, 1978
computed tomographic evaluation of the breast, Chang, C. H. Joseph; Sibala, Justo L.; Fritz, Steven L.; Gallagher, Joe H.; Dwyer, III, Samuel J.; Templeton, Arch W., (AJR), **131:** 459, 1978
computed tomography of soft tissues and breast, McLeod, Richard A.; Gisvold, John J.; Stephens, David H.; Beabout, John W.; Sheedy, II, Patrick F., (SR), **13:** 267, 1978
contact spot xeromammography in the early diagnosis of breast cancer, Buchanan, Jerry B.; Jager, Rama M., (AJR), **130:** 1159, 1978
conventional mammography, physical examination, thermography and xeroradiography in the detection of breast cancer (ab), Egan, Robert L.; Goldstein, Gordon T.; McSweeney, Marjorie M., **126:** 275, 1978
correlative studies of the histological and radiographic appearance of the breast parenchyma, Wellings, S. Robert; Wolfe, John N., **129:** 299, 1978
estimation of breast doses and breast cancer risk associated with repeated fluoroscopic chest examinations of women with tuberculosis (ab), Boice, Jr., John D.; Rosenstein, Marvin; Trout, E. Dale, **128:** 272, 1978
hamartoma of the breast: diagnostic observation of 16 cases, Hessler, Christian; Schnyder, Pierre; Ozzello, Luciano, **126:** 95, 1978
improved needle for localization of nonpalpable breast lesions, Kalisher, Lester, **128:** 815, 1978
influence of age at first pregnancy on breast parenchymal pattern: preliminary report, Andersson, Ingvar; Andren, Lars; Pettersson, Holger, **126:** 675, 1978
irregularity of silastic breast implants mimicking a soft tissue mass, Grant, Edward G.; Cigtay, Olcay S.; Mascatello, Vincent J., (AJR), **130:** 461, 1978
isolated clustered microcalcifications in the breast: radiologic-pathologic correlation, Murphy, William A.; DeSchryver-Kecskemeti, Katherine, **127:** 335, 1978
mammographic parenchymal pattern and the risk of breast cancer (ab), Wilkinson, E.; Clopton, C.; Gordonson, J.; Green, R.; Hill, A.; Pike M. C., **126:** 549, 1978
mammographic parenchymal patterns as a risk indicator for prevalent and incident cancer (ab), Krook, Peter M.; Carlile, Thomas; Bush, William; Hall, McClure H., **128:** 564, 1978
mammographic patterns and risk of breast cancer, Hainline, Sarah; Myers, Lawrence; McLelland, Robert; Newell, Josephine; Grufferman, Seymour; Shingleton, William, (AJR), **130:** 1157, 1978

mammographic screening for breast cancer by lateral view only: is it practical? (ab), Moskowitz, Myron; Libshitz, Herman I., **128:** 564, 1978
mammographic screening: value in diagnosis of early breast cancer (ab), Sayler, Clinton; Egan, James F.; Raines, J. Richard; Goodman, Morton J., **127:** 560, 1978
mammographic spectrum of traumatic fat necrosis: fallibility of "pathognomonic" signs of carcinoma, Bassett, Lawrence W.; Gold, Richard H.; Cove, Harvey C., (AJR), **130:** 119, 1978
preoperative diagnosis of potentially precancerous breast lesions by computed tomography breast scanner: preliminary study, Chang, C. H. Joseph; Sibala, Justo L.; Lin, Fritz; Jewell, William R.; Templeton, Arch W., **129:** 209, 1978
protean gastrointestinal manifestations of metastatic breast carcinoma, Chang, Stanley F.; Burrell, Morton I.; Brand, Myron H.; Garsten, Joel J., **126:** 611, 1978
radiographic characteristics of male breast cancer, Ouimet-Oliva, Denise; Hebert, Guy; Ladouceur, Jacques, **129:** 37, 1978
selective use of the oblique projection in mammography, Hall, Ferris M.; Berenberg, Arnold L., (AJR), **131:** 465, 1978
summary report of NCI ad hoc working groups on mammography in screening for breast cancer (ab), Breslow, Lester; Thomas, Louis B.; Upton, Arthur C., **126:** 274, 1978
tubular carcinoma of the breast: mammographic appearance and pathological correlation, Feig, Stephen A.; Shaber, Gary S.; Patchefsky, Arthur S.; Schwartz, Gordon F.; Edeiken, Jack; Nerlinger, Rudolph, **129:** 311, 1978
xeromammographic cone edge pressure to shift deep lesions into view: simple modification and technique, Goodrich, Jr., William A., **128:** 809, 1978

Breast neoplasms, male
thyroid and breast cancer following childhood radiation (ab), Curtin, Charles T.; McHeffy, Barbara; Kolarsick, Albert J., **127:** 576, 1978

Breast neoplasms, metastases
assessment of routine liver scanning in patients with breast cancer (ab), Wiener, Stephen N.; Sachs, Sidney H., **127:** 860, 1978
chemotherapy of metastatic carcinoma of the breast: 4-drug regimen (ab), Mattsson, W.; Gynning, I.; Trope, C.; Astedt, B., **127:** 861, 1978
effectiveness of radiation therapy in the treatment of bone metastases from breast cancer, Garmatis, Constantine J.; Chu, Florence C. H., **126:** 235, 1978
efficacy of preoperative and postoperative bone scanning in the management of breast carcinoma (ab), Gerber, Frederic H.; Goodreau, James J.; Kirchner, Peter T.; Fouty, William J., **126:** 558, 1978
ovarian mass, bone metastases, and a breast lesion, Kagan, A. Robert; Steckel, Richard J., (AJR), **130:** 1163, 1978
predictive value of bone scans in an adjuvant breast cancer program (ab), Hammond, Neel; Jones, Stephen E.; Salmon, Sydney E.; Patton, Dennis; Woolfenden, James, **128:** 575, 1978
protean gastrointestinal manifestations of metastatic breast carcinoma, Chang, Stanley F.; Burrell, Morton I.; Brand, Myron H.; Garsten, Joel J., **126:** 611, 1978
radiotherapy of choroidal metastases: breast cancer as primary site (ab), Maor, Moshe; Chan, Rafael C.; Young, Sue Ellen, **127:** 288, 1978
solitary bone scan abnormality in a patient with breast carcinoma, Kagan, A. Robert; Steckel, Richard J., (AJR), **130:** 353, 1978
therapeutic embolization for hemorrhage from locally recurrent cancer of the breast, Harrington, Donald P.; Barth, Klemens H.; Baker, Robinson R.; Truax, Bradley T.; Abeloff, Martin D.; White, Jr., Robert I., **129:** 307, 1978

Breast neoplasms, radionuclide diagnosis
evaluation of bone scans as screening procedures for occult metastases in primary breast cancer (ab), Baker, R. Robinson; Holmes, III, Edwin R.; Alderson, Philip O.; Khouri, Nagi F.; Wagner, Henry N., **127:** 287, 1978

Breast neoplasms, secondary
breast metastasis: unusual manifestation of a malignant carcinoid tumor (ab), Harrist, Terence J.; Kalisher, Lester, **127:** 561, 1978

Breast neoplasms, therapeutic radiology
cancer of the breast: time for caution, Brady, Luther W., (AJR), **129:** 969, 1977
RADIOTHERAPY OF CHOROIDAL METASTASES: breast cancer as primary site (ab), Maor, Moshe; Chan, Rafael C.; Young, Sue Ellen, **127:** 288, 1978
skin thickness in the therapeutically irradiated breast, Libshitz, Herman I.; Montague, Eleanor D.; Paulus, Jr., David D., (AJR), **130:** 345, 1978
survival rates for pre- and postmenopausal Danish women with mammary carcinoma (ab), Clemmesen, Johannes, **127:** 861, 1978

Breast neoplasms, therapy
anti-oestrogen therapy of advanced mammary carcinoma (ab), Westerberg, Helena; Nordenskjold, B.; De Schryver, A.; Notter, G., **126:** 284, 1978
therapeutic embolization for hemorrhage from locally recurrent cancer of the breast, Harrington, Donald P.; Barth, Klemens H.; Baker, Robinson R.; Truax, Bradley T.; Abeloff, Martin D.; White, Jr., Robert I., **129:** 307, 1978

Breast, parenchymal pattern
correlative studies of the histological and radiographic appearance of the breast parenchyma, Wellings, S. Robert; Wolfe, John N., **129:** 299, 1978
mammographic parenchymal patterns as a risk indicator for prevalent and incident cancer (ab), Krook, Peter M.; Carlile, Thomas; Bush, William; Hall, McClure H., **128:** 564, 1978
mammographic patterns and risk of breast cancer, Heinline, Sarah; Myers, Lawrence; McLelland, Robert; Newell, Josephine; Grufferman, Seymour; Shingleton, William, (AJR), **130:** 1157, 1978
patterns of breast parenchyma on mammography (ab), Rideout, D. F.; Poon, P. Y., **128:** 564, 1978

Breast, radiation effects
acute skin reactions in postoperative breast cancer patients receiving radiotherapy plus adjuvant chemotherapy, Hahn, P.; Hallberg, O.; Vikterlof, K.-J., (AJR), **130:** 137, 1978
skin thickness in the therapeutically irradiated breast, Libshitz, Herman I.; Montague, Eleanor D.; Paulus, Jr., David D., (AJR), **130:** 345, 1978
thoracic effects of therapeutic irradiation for breast carcinoma, Meyer, Jack E., (AJR), **130:** 877, 1978

Broca aphasia
See Brain neoplasms

Bronchi
See also Bronchitis; Bronchography; Lungs
tracheo-bronchial mobility disorders observed during bronchoscopy (ab), Crausaz, P. H.; Savary, M., **126:** 276, 1978

Bronchi, abnormalities
radiographic manifestations of broncholithiasis, Vix, Vernon A., **128:** 295, 1978

Bronchi, cysts
bronchography in the recognition of congenital cystic bronchiectasis, Aliabadi, Piran; Shafiepoor, Hamid, (AJR), **131:** 255, 1978

Bronchiectasis
bronchography in the recognition of congenital cystic bronchiectasis, Aliabadi, Piran; Shafiepoor, Hamid, (AJR), **131:** 255, 1978
spectrum of radiologic findings in allergic bronchopulmonary aspergillosis, Mintzer, Richard A.; Rogers, Lee F.; Kruglik, Gerald D.; Rosenberg, Michael; Neiman, Harvey L.; Patterson, Roy, **127:** 301, 1978

Bronchi, intubation
selective bronchial intubation for the treatment of severe localized pulmonary interstitial emphysema in newborn infants (ab), Brooks, John G.; Bustamante, Sergio A.; Koops, Beverly L.; Hilton, Saskia; Cooper, David; Wesenberg, Richard L.; Simmons, Michael A., **127:** 849, 1978

Bronchi, neoplasms
See also Lung neoplasms
bronchiolar carcinoma: report of 11 cases and review of the literature (ab), Donaldson, John C.; Kaminsky, David B.; Elliott, Robert C., **128:** 565, 1978
bronchogenic carcinoma presenting as spontaneous pneumothorax: case report with review of literature (ab), Yeung, Kai-Yiu; Bonnet, John D., **126:** 275, 1978
bronchopulmonary hamartomas, chondromas, fibromas, and myxomas (ab), Roenspies, U.; Morin, D.; Gloor, E.; von Hochstetter, A. R.; Saegesser, F.; Senning, A., **128:** 565, 1978

Bronchi, obstruction
obstruction of the airways by the heart and pulmonary vessels in infants (ab), Cochran, S. T.; Gyepes, M. T.; Smith, L. E., **127:** 850, 1978
radiographic manifestations of broncholithiasis, Vix, Vernon A., **128:** 295, 1978
sand aspiration in drowning and near drowning, Bonilla-Santiago, Jaime; Fill, William L., **128:** 301, 1978

Bronchography, complications
cerebral dye embolus: complication of selective bronchography following transbronchial biopsy (ab), Oldenburg, Jr., Frederick A.; Newhouse, Michael T., **129:** 278, 1978

Bronchography, indications
bronchography in the recognition of congenital cystic bronchiectasis, Aliabadi, Piran; Shafiepoor, Hamid, (AJR), **131:** 255, 1978

Bronchoscopy
sand aspiration in drowning and near drowning, Bonilla-Santiago, Jaime; Fill, William L., **128:** 301, 1978

Bronchus
pathogenetic left "tracheal" bronchus: 4 cases and review of the literature (ab), Remy, J.; Smith, M.; Marache, Ph.; Nuyts, J. P., **128:** 273, 1978

Brown-Sequard Syndrome
See also Spine, ankylosis, arthritis
cervical cord compression by solitary osteochondroma of the atlas (ab), Julien, J.; Riemens, V.; Vital, Cl.; Lagueny, A.; Miet, G., **129:** 569, 1978

Bucrylate
isobutyl 2-cyanoacrylate (bucrylate) in obliteration of gastric coronary vein and esophageal varices, Lunderquist, Anders; Borjesson, Bengt; Owman, Torben; Bengmark, Stig, (AJR), **130:** 1, 1978

Budd-Chiari syndrome
See Thrombosis, caval; Thrombosis, hepatic vein

Burkitt tumor
See Lymphoma

Bursa
gastrocnemio-semimembranosus bursa and its relation to the knee joint: I. anatomy and histology (ab), Lindgren, P. G.; Willen, R., **128:** 279, 1978

Buscopan
See Hyoscine-N-butylbromide

C

Caerulein
role of caerulein in the differential diagnosis of common-bile-duct stenosis, Monti, Carlo; Baraldi, Gian Piero; Malagola, Claudio; Ermini, Giuliano; Mattei, Marzio, **129:** 611, 1978

Caffey disease
See Hyperostosis, infantile cortical

Calcification
See under diseases, organs and regions, as Lymph nodes, calcification

Calcitonin
Paget's disease. radiological changes occurring in untreated patients and those on therapy with salmon calcitonin during two years' observation (ab), Woodhouse, N. J. Y.; Chalmers, A. H.; Wells, I. P.; Dewbury, K. C.; Mohamedally, S. M., **128:** 856, 1978

Calcium
differential effects of sodium meglumine calcium metrizoate on the inotropic state of normal and ischemic myocardium, Als, Ann V.; Serur, Juan R.; LaRaia, Paul J.; Miner, Nancy C.; Paulin, Sven, **128:** 499, 1978
evaluation of calcium concentration in bones from CT scans, Bradley, J. G.; Huang, H. K.; Ledley, R. S., **128:** 103, 1978

Calcium milk bile
See Gallbladder

Calvaria
See Skull

Calve-Legg-Perthes disease
See Osteochondritis, deformans, juvenilis

Cameras
See Radionuclide imaging; Radiographs

Cancer
See Neoplasms; Radiations, injurious effects; Radiobiology; under organs and regions; and under names of individual neoplasms

Candidiasis
fatal neonatal pulmonary candidiasis, Dixon, Brian L.; Houston, C. Stuart, **129:** 132, 1978
pathoradiologic correlation of pulmonary candidiasis in immunosuppressed patients (ab), Dubois, Philip J.; Myerowitz, Richard L.; Allen, Chris M., **126:** 834, 1978

Carbon dioxide
study of regional cerebral metabolism and blood flow relationships in man using the method of continuously inhaling oxygen-15 and oxygen-15 labelled carbon dioxide (ab), Lenzi, G. L.; Jones, T.; McKenzie, C. G.; Buckingham, P. D.; Clark, J. C.; Moss, S., **129:** 559, 1978

Carbon, tetrachloride
carbon tetrachloride poisoning: radiographic findings (ab), Bagnasco, Francis M.; Stringer, Bruce; Muslim, Arif M., **129:** 853, 1978
Carcinoid
angiographic features of carcinoid heart disease, Holt, R. Gary; Gross, Richard; Carlsson, Erik, **127:** 601, 1978
carcinoid syndrome treated by hepatic embolization, Pueyo, I.; Jimenez, J. R.; Hernandez, J.; Brugarolas, A.; Garcia-Moran, M.; Garcia-Muniz, J. L.; Arroyo, F., (AJR), **131:** 511, 1978
Cardiac shunts
See Shunts, cardiac; Heart, abnormalities
Cardiomegaly
See Heart, hypertrophy
Caro, David L.
(obit), **127:** 272, 1978
Caroli disease
See Bile ducts
Carotid arteries
See also Aneurysm; Cerebral angiography; Cerebral blood vessels
atlas of carotid angiography (bk rev), Takahashi, Mutsumasa, Reviewed by Naidich, Thomas P., **126:** 660, 1978
fibromuscular dysplasia (ab), Paulson, George W.; Boesel, Carl P.; Evans, William E., **128:** 565, 1978
internal carotid artery origins of the inferior cerebellar arteries, Haughton, Victor M.; Rosenbaum, Arthur E.; Pearce, Jan, (AJR), **130:** 1191, 1978
internal carotid artery supply in juvenile angiofibroma (ab), Becker, H.; Newton, T. H., **129:** 846, 1978
transcatheter intravascular coil occlusion of experimental arteriovenous fistulas, Anderson, James H.; Wallace, Sidney; Gianturco, Cesare, (AJR), **129:** 795, 1977
Carotid arteries, abnormalities
absence of both common carotid arteries, Roberts, Larry K.; Gerald, Barry, (AJR), **130:** 981, 1978
agenesis of the left internal carotid artery associated with an aneurysm on the right carotid syphon: case report (ab), Servo, Antti, **126:** 831, 1978
separate origins of the left internal and external carotid arteries from the aorta, Bryan, R. Nick; Drewyer, R. G.; Gee, William, (AJR), **130:** 362, 1978
Carotid arteries, anatomy
anatomy of the inferolateral trunk (ILT) of the internal carotid artery (ab), Lasjaunias, P.; Moret, J.; Mink, J., **127:** 846, 1978
Carotid arteries, aneurysm
carotid-ophthalmic aneurysms: direct microsurgical approach (ab), Yasargil, M. G.; Gasser, J. C.; Hodosh, R. M.; Rankin, T. V., **126:** 831, 1978
Carotid arteries, catheterization
intracranial extravasation of contrast medium during carotid angiography (ab), Allan, D. M.; Witcombe, J. B., **127:** 559, 1978
Carotid arteries, diseases
amaurosis fugax and carotid artery disease: indications for angiography (ab), Wilson, L. A.; Russell, R. W. Ross, **127:** 276, 1978
Carotid arteries, fibroplasia
fibromuscular dysplasia of intracranial arteries in a patient with multiple enchondromas (Ollier disease) (ab), Slagsvold, Jon E.; Bergsholm, Per; Larsen, John L., **129:** 273, 1978
Carotid arteries, injuries
traumatic carotid-cavernous sinus fistula (ab), Sofferman, Robert A.; Fabian, Richard L., **128:** 561, 1978
Carotid arteries, occlusion
See Carotid arteries, stenosis
Carotid arteries, stenosis
Doppler ultrasound scanning of the carotid bifurcation (ab), Blackwell, Eric; Merory, John; Toole, James F.; McKinney, William, **126:** 282, 1978
multiple progressive intracranial arterial occlusions ('moyamoya' disease) (ab), O'Sullivan, D. J.; Lim, G. H. K.; Darveniza, P.; Coffey, G. L., **128:** 270, 1978
pituitary apoplexy producing internal carotid artery occlusion: case report (ab), Rosenbaum, Thomas J.; Houser, O. Wayne; Laws, Edward R., **128:** 270, 1978
spontaneous disappearance of carotid stenosis, Kishore, Pulla R. S.; Dick, Arthur R., **129:** 721, 1978
Carotid arteries, ultrasound studies
Doppler ultrasound scanning of the carotid bifurcation (ab), Blackwell, Eric; Merory, John; Toole, James F.; McKinney, William, **126:** 282, 1978
Carpus
See Wrist
Cartilage, necrosis
acute chondrolysis complicating slipped capital femoral epiphysis, Goldman, Amy Beth; Schneider, Robert; Martel, William, (AJR), **130:** 945, 1978
Castleman disease
see Lymph nodes, hyperplasia
Cast syndrome
See Duodenum, obstruction; Spine, curvature
Catheters and catheterization
augmented arterial flow and pressure resulting from selective injections through catheters: clinical implications, Levin, David C., **127:** 103, 1978
clinical use of transcatheter electrocoagulation, Miller, Michael D.; Johnsrude, Irwin S.; Limberakis, Anthony J.; Jackson, Donald C.; Pizzo, Salvatore; Thompson, William M., **129:** 211, 1978
complications of long term transbrachial hepatic arterial infusion chemotherapy, Clouse, Melvin E.; Ahmed, Rashid; Ryan, Rodney B.; Oberfield, Richard A.; McCaffrey, Joyce A., (AJR), **129:** 799, 1977
detachable balloon catheter: its application in experimental arteriovenous fistulae (ab), DiTullio, Jr., Michael V.; Rand, Robert W.; Frisch, Eldon, **129:** 846, 1978
echocardiographic interpretation in the presence of Swan-Ganz intracardiac catheters (ab), Charuzi, Yzhar; Kraus, Robert; Swan, H. J. C., **127:** 570, 1978
experimental internal iliac artery embolization: evaluation of low viscosity silicone rubber, isobutyl 2-cyanoacrylate, and carbon microspheres, Miller, Jr., Franklin J.; Rankin, Ronald S.; Gliedman, Jeffrey B.; Nakashima, Edwin, **129:** 51, 1978
fluoroscopic guidance in femoral artery puncture, Dotter, Charles T.; Rosch, Josef; Robinson, Manfred, **127:** 266, 1978
intraarterial cyanoacrylate: adjunct in the treatment of spinal/paraspinal arteriovenous malformations, Kerber, C. W.; Cromwell, L. D.; Sheptak, P. E., (AJR), **130:** 99, 1978
percutaneous selective visceral catheterization through aortofemoral dacron prosthesis, Giustra, Peter E.; Root, John A.; Killoran, Paul J., **126:** 261, 1978
pitfalls in the angiographic management of hemorrhage: hemodynamic considerations, Ring, Ernest J.; Oleaga, Juan A.; Freiman, David; Husted, James W.; Waltman, Jr., Arthur C.; Baum, Stanley, (AJR), **129:** 1007, 1977
renovascular hypertension as a complication of umbilical arterial catheterization, Merten, David F.; Vogel, John M.; Adelman, Raymond D.; Goetzman, Boyd W.; Bogren, Hugo G., **126:** 751, 1978
retrieval of intravascular foreign bodies using a modified bronchoscopic forceps, Millan, Victor G., **129:** 587, 1978
simple catheter curve for cerebral angiography, Fierstien, Stephen B., **126:** 524, 1978
therapeutic applications of catheter cholangiography, Ring, Ernest J.; Oleaga, Juan A.; Freiman, David B.; Husted, James W.; Lunderquist, Anders, **128:** 333, 1978
transcatheter brush biopsy of intravenous tumor thrombi, Mills, Steven R.; Doppman, John L.; Head, Gordon L.; Javadpour, Nasser; Brennan, Murray F.; Chu, Elizabeth W., **127:** 667, 1978
transcatheter embolization for lower gastrointestinal bleeding, Bookstein, Joseph J.; Naderi, Mohammad J.; Walter, Joseph F., **127:** 345, 1978
transcatheter embolization: prevention of embolic reflux using balloon catheters, Greenfield, Alan J.; Athanasoulis, Christos A.; Waltman, Arthur C.; LeMoure, Edward R., (AJR), **131:** 651, 1978
transhepatic dilatation of choledochoenterostomy strictures, Molnar, William; Stockum, Alfred E., **129:** 59, 1978
Catheters and catheterization, complications
cardiovascular trauma from angiographic jets—validation of a theoretic concept in dogs, Lipton, Martin J.; Abbott, Joseph A.; Kosek, Jon C.; Hayashi, Thomas; Lee, Francis C. S.; Bishop, Earl, **129:** 363, 1978
evaluation of current techniques for nonsurgical removal of intravascular iatrogenic foreign bodies, Fisher, Richard G.; Ferreyro, Roque, (AJR), **130:** 541, 1978
false aneurysm of the descending aorta: complication of umbilical artery catheterization (ab), Spangler, John G.; Kleinberg, Frederic; Fulton, Richard E.; Barnhorst, Donald A.; Ritter, Donald G., **128:** 274, 1978
gastric ulceration in patients receiving intrahepatic infusion of 5-fluorouracil (ab), Narsete, Thomas; Ansfield, Fred; Wirtanen, George; Ramirez, Guillermo; Wolfberg, William; Jarrett, Fredric, **128:** 276, 1978
hyperalimentation catheter passing into the spinal canal causing temporary paraplegia (ab), McAlister, W. H.; Keating, J. P.; Shackelford, G. D., **129:** 855, 1978
nonsurgical treatment of splenic-artery aneurysms, Probst, Peter; Castaneda-Zuniga, W. R.; Gomes, Antoinette S.; Yonehiro, Earl G.; Delaney, John P.; Amplatz, Kurt, **128:** 619, 1978
perforation of the peritoneum and intra-abdominal hemorrhage: complication of umbilical vein catheterizations (ab), Kanto, Jr., William P.; Parrish, Jr., Robert A., **128:** 274, 1978
pulmonary consolidation associated with infusion of a glucose-insulin-potassium solution in acute myocardial infarction (ab), Dye, Larry E.; Shin, Myung Soo; Witten, David M.; Russell, Jr., Richard O.; Rackley, Charles E.; Hogg, David E., **128:** 273, 1978
radiographic aspects of total parenteral nutrition during infancy, Effmann, Eric L.; Ablow, Ronald C.; Touloukian, Robert J.; Seashore, John H., **127:** 195, 1978
use of a tip deflecting guide in untying a knotted arterial catheter, Holder, John C.; Cherry, James F., **128:** 808, 1978
Catheters and catheterization, instrumentation
fluoroscopic replacement of a choledochal U-tube using a steerable catheter, Janes, Jefferson O.; McClelland, Robert, **128:** 828, 1978
simplified bilateral selective catheterization of the uterine artery, Mohri, Makoto; Hiramatsu, Kyoichi, **129:** 239, 1978
use of a curved multi-hole catheter for abdominal and femoral arteriography, Kogutt, Marvin S.; Jander, H. P., **128:** 817, 1978
use of a tip deflecting guide in untying a knotted arterial catheter, Holder, John C.; Cherry, James F., **128:** 808, 1978
use of the bristle brush for transcatheter embolization, Gomes, Antoinette S.; Rysavy, Joseph A.; Spadaccini, Cathy A.; Probst, Peter; D'Souza, Vincent; Amplatz, Kurt, **129:** 345, 1978
Catheters and catheterization, technique
CT-guided Seldinger catheter drainage of a hepatic abscess, Stephenson, Thomas F.; Guzzetta, Louis R.; Tagulinao, Oscar A., (AJR), **131:** 323, 1978
deflation of a Sengstaken tube balloon facilitating catheterization of the celiac artery, Gordon, D. H.; Martin, E. C.; Kim, Y. H., **129:** 819, 1978
nonsurgical treatment of splenic-artery aneurysms, Probst, Peter; Castaneda-Zuniga, W. R.; Gomes, Antoinette S.; Yonehiro, Earl G.; Delaney, John P.; Amplatz, Kurt, **128:** 619, 1978
Cauda equina
See Spinal cord
Caustic agents, ingestion
emphysematous gastritis and gastric perforation: unusual manifestation of alkaline corrosive ingestion (ab), Bernardino, Michael E.; Lawson, Thomas L., **127:** 565, 1978
Cavernous sinus
Tolosa-Hunt syndrome: arteriographic evidence of improvement in carotid narrowing (ab), Takeoka, Tsuneyuki; Gotoh, Fumio; Fukuuchi, Yasuo; Inagaki, Yasutaka, **128:** 562, 1978
Cecum
See Intestines
Celiac disease
pneumatosis cystoides intestinalis and obstructing intussusception in celiac disease (ab), Frank, Paul H.; O'Connell, Denis J., **127:** 565, 1978
small-bowel malabsorption and gastrointestinal malignancy, Collins, Stephen M.; Hamilton, John D.; Lewis, Terence D.; Laufer, Igor, **126:** 603, 1978
Cephalohematoma
frequency of radiolucencies underlying cephalohematomas, Harris, Vivian J.; Meeks, Wrophus, **129:** 389, 1978
Cerebellopontine angle, neoplasms
evaluation of current diagnostic radiologic modalities in the investigation of acoustic neurilemmomas, Dubois, Philip J.; Drayer, Burton P.; Bank, William O.; Deeb, Ziad L.; Rosenbaum, Arthur E., **126:** 173, 1978
lipoma of the cerebellopontine angle (ab), Fukui, Masashi; Tanaka, Akira; Kitamura, Katsutohi; Okadera, Toshio, **126:** 547, 1978

visualization of small extracanalicular neurolemomas by metrizamide cisternographic enhancement (ab), Rosenbaum, A. E.; Drayer, B. P.; Dubois, P. J.; Black, F. O., **129:** 851, 1978

Cerebellum
See also Brain; Posterior fossa
inverse cerebellum and occipital encephalocele: dorsal fusion defect uniting the Arnold-Chiari and Dandy-Walker spectrum (ab), Smith, Michael T.; Huntington, Howard W., **126:** 272, 1978
white matter of the cerebellum demonstrated by computed tomography: normal anatomy and physical principles (ab), Maravilla, Kenneth R.; Pastel, Mary S.; Kirkpatrick, Joel B., **129:** 271, 1978

Cerebellum, neoplasms
primary tumors and other masses of the cerebellum and fourth ventricle: differential diagnosis by computed tomography (ab), Naidich, T. P.; Lin, J. P.; Leeds, N. E.; Pudlowski, R. M.; Naidich, J. B., **128:** 849, 1978
spectrum of medulloblastomas demonstrated by computed tomography, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Pahlajani, Hiro, **126:** 137, 1978

Cerebral angiography
See also Brain; Brain neoplasms; Cerebral blood vessels; Meninges; and under specific blood vessels

Cerebral angiography, complications
cervical myelopathy complicating cerebral angiography: report of a case and review of the literature (ab), Ramirez-Lassepas, Manuel; McClelland, Robert R.; Snyder, Bruce D.; Marsh, Donald G., **128:** 277, 1978
complications of cerebral angiography (ab), Olivecrona, Hans, **128:** 849, 1978
fluid dynamics in cerebral angiography, Mabon, Robert F.; Soder, Parry D.; Carpenter, Walter A.; Giddens, Don P., **128:** 669, 1978
intracranial extravasation of contrast medium during carotid angiography (ab), Allan, D. M.; Witcombe, J. B., **127:** 559, 1978

Cerebral angiography, contrast media
clinical testing of Amipaque for cerebral angiography (ab), Amundsen, P.; Dugstad, G.; Slettebo, M., **129:** 845, 1978
encephalography with metrizamide (ab), Corrales, M.; Tapia, J., **127:** 845, 1978

Cerebral angiography, indications
angiographic demonstration of lupus cerebral phlebitis with communicating hydrocephalus (ab), Kitching, G. B.; Thompson, J. R.; Hasso, A. N.; Hirst, A. E., **128:** 560, 1978
angiographic manifestations in postrecanalized cerebral infarction (ab), Irino, Tadayoshi; Taneda, Mamoru; Minami, Takao, **126:** 831, 1978
arterial and venous signs of tumors within the fourth ventricle (ab), van Damme, W.; Reolon, M.; Pereira, N.; Wachenheim, C., **127:** 845, 1978
normal limits of the lateral cerebral ventricles on the lateral phlebogram: statistical analysis (ab), Belloni, G.; Di Rocco, C.; Galli, G.; Iannelli, A.; Izzo, G., **127:** 845, 1978
pulsatile tinnitus: role of angiography (ab), Holgate, Richard C.; Wortzman, George; Noyek, Arnold M.; Makerewica, Len; Coates, Robert M., **127:** 845, 1978
spontaneous disappearance of carotid stenosis, Kishore, Pulla R. S.; Dick, Arthur R., **129:** 721, 1978
subdural hematomas due to ruptured cerebral aneurysms: angiographic diagnosis and potential pitfall for CT, Handel, Stanley F.; Perpetuo, Francisco O. L.; Handel, Carolyn H., (AJR), **130:** 507, 1978

Cerebral angiography, instrumentation
use of an alternating pressure pad to reduce patient back pain during neuroangiography, Lamb, Sharon A.; Mani, Richard L., **128:** 510, 1978

Cerebral angiography, radionuclide
cerebral radionuclide angiography (bk rev), DeLand, Frank H., Reviewed by Mishkin, Fred S., **126:** 172, 1978

Cerebral angiography, technique
simple catheter curve for cerebral angiography, Fierstien, Stephen B., **126:** 524, 1978

Cerebral blood vessels
See also Aneurysm; Brain; Cerebral angiography; Malformations, arteriovenous; and under names of specific blood vessels
computed tomography in patients with cerebrovascular disease: impact of a new technology on patient care, Larson, Eric B.; Omenn, Gilbert S.; Loop, John W., (AJR), **131:** 35, 1978
limitations of computed tomography for diagnostic neuroradiology (ab), Bradac, G. B.; Simon, R. S.; Grumme, T.; Schramm, J., **127:** 842, 1978
traumatic aneurysm of peripheral cerebral arteries: report of two cases (ab), Asari, Syoji; Nakamura, Shigeo; Yamada, Osamu; Beck, Hiroichi; Sugatani, Hiroshi; Higashi, Toru, **127:** 844, 1978

Cerebral blood vessels, anatomy
angiographic study of the temporal horn, Salamon, Georges; Lecaque, G. L.; Strother, Charles M., **128:** 387, 1978
choroidal artery to the fourth ventricle and its radiological significance, Kumar, Ashok J.; Naidich, Thomas P.; George, Ajax E.; Lin, Joseph P.; Kricheff, Irvin I., **126:** 431, 1978
microsurgical anatomy of the posterior cerebral artery (ab), Zeal, Arnold A.; Rhoton, Jr., Albert L., **129:** 273, 1978
new method to localize the choroid point of the PICA and the venous copular point on the lateral projection of vertebral angiography (ab), van Damme, W.; Sturtzer, F.; Dosch, J.; Ammerich, H., **126:** 272, 1978

Cerebral blood vessels, angiography
cerebral ischemia. I. current angiographic techniques, complications, and safety, Kerber, C. W.; Cromwell, L. D.; Drayer, B. P.; Bank, W. O., (AJR), **130:** 1097, 1978

Cerebral blood vessels, displacement
angiographic study of the temporal horn, Salamon, Georges; Lecaque, G. L.; Strother, Charles M., **128:** 387, 1978

Cerebral blood vessels, fibroplasia
fibromuscular dysplasia of intracranial arteries in a patient with multiple enchondromas (Ollier disease) (ab), Slagsvold, Jon E.; Bergsholm, Per; Larsen, John L., **129:** 273, 1978

Cerebral blood vessels, flow dynamics
cerebral blood flow, oxygen utilization, and blood volume in dementia (ab), Grubb, Jr., Robert L.; Raichle, Marcus E.; Gado, Mokhtar H.; Eichling, John O.; Hughes, Charles P., **128:** 270, 1978
fluid dynamics in cerebral angiography, Mabon, Robert F.; Soder, Parry D.; Carpenter, Walter A.; Giddens, Don P., **128:** 669, 1978

Cerebral blood vessels, inflammation
intracranial involvement of giant-cell arteritis (ab), Enzmann, Dieter; Scott, William R., **128:** 268, 1978
ophthalmoplegia in cranial arteritis (ab), Barricks, Michael E.; Traviesa, Dan B.; Glaser, Joel S.; Levy, Ivor S., **127:** 846, 1978

Cerebral blood vessels, ischemia
See Cerebral blood vessels, stenosis

Cerebral blood vessels, occlusion
See Cerebral blood vessels, stenosis

Cerebral blood vessels, stenosis
cerebral ischemia. I. current angiographic techniques, complications, and safety, Kerber, C. W.; Cromwell, L. D.; Drayer, B. P.; Bank, W. O., (AJR), **130:** 1097, 1978
computed tomography and radionuclide imaging in the evaluation of ischemic stroke, Campbell, J. Keith; Houser, O. Wayne; Stevens, J. Clarke; Wahner, Heinz W.; Baker, Jr., Hillier L.; Folger, W. Neath, **126:** 695, 1978
pseudoocclusion of a superficial temporal–middle cerebral artery bypass, Dublin, Arthur B.; Richey, Duane C., (AJR), **131:** 162, 1978

Cerebral palsy
fragmentation of the distal pole of the patella in spastic cerebral palsy (ab), Rosenthal, Robert K.; Levine, David B., **127:** 853, 1978

Cerebrospinal fluid
abdominal CSF pseudocyst secondary to ventriculoperitoneal shunt: diagnosis by computed tomography in two cases (ab), Chuang, Vincent P.; Fried, Andrew M.; Oliff, Michael; Ellis, Guy T.; Sachatello, Charles R., **127:** 854, 1978
cerebrospinal fluid pseudocyst after urinary diversion (ab), Palomar, J. M.; Matthews, A.; Evans, B. B., **127:** 284, 1978
cerebrospinal fluid turnover and convexity block in mental impairment: controlled prospective study (ab), Lying-Tunell, Ulla, **126:** 833, 1978
effects of general anaesthesia on size of cerebrospinal fluid spaces during and after pneumoencephalography (ab), Moseley, I. F.; Loh, L.; du Boulay, G. H., **129:** 275, 1978

Cerebrospinal fluid, flow dynamics
multiregional kinetics model for cerebrospinal fluid, Partain, C. Leon; Wu, Hai P.; Staab, Edward V.; Johnston, R. Eugene, **127:** 705, 1978
pediatric metrizamide CT cisternography: cerebrospinal fluid circulation and hydrocephalus (ab), Drayer, Burton P.; Rosenbaum, Arthur E., **129:** 275, 1978

Cerebrospinal fluid, leakage
cerebrospinal fluid intraperitoneal cyst: unusual abdominal mass, Goldfine, Susan L.; Turetz, Frank; Beck, A. Robert; Eiger, Marvin, (AJR), **130:** 568, 1978
congenital deafness and spontaneous CSF otrorrhea (ab), Clark, Jack L.; DeSanto, Lawrence W.; Facer, George W., **129:** 850, 1978
diagnosis of CSF fistulas with rhinorrhea by isotope cisternography (ab), Salar, G., Carteri, A.; Zampieri, P., **129:** 861, 1978
recurrent meningitis secondary to idiopathic oval window CSF leak (ab), Parisier, Simon C.; Birken, Eric A., **126:** 281, 1978

Cerebrospinal fluid, radionuclide studies
multiregional kinetics model for cerebrospinal fluid, Partain, C. Leon; Wu, Hai P.; Staab, Edward V.; Johnston, R. Eugene, **127:** 705, 1978

Ceruletide
cholecystokinetic cholecystography: efficacy and tolerance studies of ceruletide, Sargent, E. Nicholas; Boswell, William; Hubsher, Jerome, (AJR), **130:** 1051, 1978

Cervix
See Uterine neoplasms; Uterus

Charcot joints
See Joints

Chemotherapy
bilateral, diffuse nephroblastomatosis: report of a case managed with chemotherapy (ab), Haddy, Theresa B.; Bailie, Michael D.; Bernstein, Jay; Kaufman, Donald B.; Rous, Stephen N., **126:** 838, 1978
chemotherapy of metastatic carcinoma of the breast: 4-drug regimen (ab), Mattsson, W.; Gynning, I.; Trope, C.; Åstedt, B., **127:** 861, 1978
complications of long term transbrachial hepatic arterial infusion chemotherapy, Clouse, Melvin E.; Ahmed, Rashid; Ryan, Rodney B.; Oberfield, Richard A.; McCaffrey, Joyce A., (AJR), **129:** 799, 1977
diagnostic significance of gallium lung uptake in patients with normal chest radiographs, MacMahon, Heber; Bekerman, Carlos, **127:** 189, 1978
dose-time relationships and the local control of small cell carcinoma of the lung, Cox, James D.; Byhardt, Roger W.; Wilson, J. Frank; Komaki, Ritsuko; Eisert, Donald R.; Greenberg, Maurice, **128:** 205, 1978
gastric ulceration in patients receiving intrahepatic infusion of 5-fluorouracil (ab), Narsete, Thomas; Ansfield, Fred; Wirtanen, George; Ramirez, Guillermo; Wolfberg, William; Jarrett, Fredric, **128:** 276, 1978
intense concentration of technetium-99m pyrophosphate in the kidneys of children treated with chemotherapeutic drugs for malignant disease, Lutrin, Calvin L.; McDougall, I. Ross; Goris, Michael L., **128:** 165, 1978
intracranial calcification in childhood leukemia: association with systemic chemotherapy (ab), McIntosh, Sue; Fischer, Diana B.; Rothman, Stephen G.; Rosenfield, Nancy; Lobel, Jeffrey S.; O'Brien, Richard T., **128:** 561, 1978
late-onset pulmonary fibrosis and chest deformity in two children treated with cyclophosphamide (ab), Alvarado, Carlos S.; Boat, Thomas F.; Newman, Arthur J., **129:** 561, 1978
lymph node calcification in Hodgkin's disease after chemotherapy, Bertrand, Margaret; Chen, James T. T.; Libshitz, Herman I., (AJR), **129:** 1108, 1977
multiple adjuvant therapy on a murine fibrosarcoma: actinomycin-D, x-irradiation and local tumor hyperthermia, Alfieri, A. A.; Hahn, E. W.; Kim, J. H.; Lehman, D., **129:** 225, 1978
oat cell carcinoma of the lung: combination treatment with radiotherapy and cyclophosphamide, adriamycin, vincristine, and methotrexate (ab), Wittes, Robert E.; Hopfan, Seymour; Hilaris, Basil; Golbey, Robert B.; Melamed, Myron; Martini, Nael, **126:** 558, 1978
quadruple chemotherapy versus radiotherapy in treatment of primary hepatocellular carcinoma (ab), Cochrane, A. M. G.; Murray-Lyon, I. M.; Brinkley, D. M.; Williams, Roger, **126:** 558, 1978
small-cell carcinoma of the lung: combined chemotherapy and radiation. a Southwest Oncology Group Study (ab), Livingston, R. B.; Moore, T. N.; Heilbrun, L.; Bottomley, R.; Lehane, D.; Rivkin, S. E.; Thigpen, T., **129:** 286, 1978

Chemotherapy, complications
arterial changes during treatment with intrahepatic arterial infusion of 5-fluorouracil, Forsberg, Lillemor; Hafstrom, Larsolof; Lunderquist, Anders; Sundqvist, Kaj, **126:** 49, 1978
enlargement of subarachnoid spaces and lateral ventricles in pediatric patients undergoing chemotherapy (ab), Enzmann, Dieter R.; Lane, Barton, **129:** 557, 1978
Chemotherapy, complications and sequelae
procarbazine lung, Ecker, Martin D.; Jay, Bernard; Keohane, Mary F., (AJR), **131:** 527, 1978
Chevrot method
See Hip, radiography
Chiari-Budd syndrome
See Thrombosis, caval; Thrombosis, hepatic vein
Chiba needle
See Cholangiography
Children
See also Infants; Infants, newborn; Pediatric radiology; under names of diseases, organs, regions, and procedures
Children, cardiovascular system
aortic stenosis in children: experience with echocardiographic prediction of severity (ab), Blackwood, R. Andrew; Bloom, Kenneth R.; Williams, Constance M., **127:** 857, 1978
evaluation of left ventricular size and function by echocardiography: results in normal children (ab), Gutgesell, Howard P.; Paquet, Marc; Duff, Desmond F.; McNamara, Dan G.; Kaufman, Linda, **126:** 841, 1978
familial nonobstructive cardiomyopathy with endocardial fibroelastosis beyond infancy (ab), Singh, Amarjit; Doyle, Eugenie F.; Danilowicz, Delores A.; Finegold, Milton J., **128:** 565, 1978
serial echocardiographic profiles in infants and children with coarctation of the aorta (ab), Wing, Jennifer P.; Findley, William A.; Sahn, David J.; McDonald, Gail; Allen, Hugh D.; Goldberg, Stanley J., **129:** 284, 1978
Children, central nervous system
scintigraphic detection of congenital intracranial vascular malformations (ab), Gates, Gary F.; Fishman, Lawrence S.; Segall, Hervey D., **128:** 574, 1978
Children, digestive system
lymphoid follicular pattern: normal feature of the pediatric colon, Laufer, Igor; deSa, Derek, (AJR), **130:** 51, 1978
pancreatitis of childhood (ab), Buntain, William L.; Wood, James B.; Woolley, Morton M., **128:** 855, 1978
radiolucent esophageal foreign body: often forgotten cause of respiratory symptoms (ab), Newman, Donald E., **129:** 276, 1978
splenic flexure syndrome in childhood (ab), Oppermann, H. C.; Bender, U. G.; Willich, E., **127:** 279, 1978
Children, gastrointestinal tract
detergent enema: cause of caustic colitis (ab), Kirchner, S. G.; Buckspan, G. S.; O'Neill, J. A.; Page, D. L.; Burko, H., **127:** 852, 1978
Children, injuries
acute gastric dilatation in neglected children, Franken, Jr., E. A.; Fox, Mark; Smith, John A.; Smith, Wilbur L., (AJR), **130:** 297, 1978
bony sclerosis and the battered child (ab), DeSmet, A. A.; Kuhns, L. R.; Kaufman, R. A.; Holt, J. F., **126:** 836, 1978
injuries resulting when small children fall out of bed (ab), Helfer, Ray E.; Slovis, Thomas L.; Black, Mary, **127:** 568, 1978
problems in pediatric fractures, Silverman, Frederic N., (SR), **13:** 167, 1978
traumatic mesenteric avulsion: case report of presumed battered child (ab), Fournemont, E., **126:** 552, 1978
Children, musculoskeletal system
carpal length in children—useful measurement in the diagnosis of rheumatoid arthritis and some congenital malformation syndromes, Poznanski, Andrew K.; Hernandez, Ramiro J.; Guire, Kenneth E.; Bereza, Ulana L.; Garn, Stanley M., **129:** 661, 1978
computed tomography of tumors of the musculoskeletal system in children: clinical applications, Berger, Paul E.; Kuhn, Jerald P., **127:** 171, 1978
neuropathic injuries to the lower extremities in children, Schneider, Robert; Goldman, Amy Beth; Bohne, Walter H. O., **128:** 713, 1978
simultaneous arthrography of the talocrural and talonavicular joints in children: III. measurements on normal feet (ab), Hjelmstedt, Ake; Sahlstedt, Bo, **128:** 279, 1978
spectrum of intervertebral disc-space infection in children (ab), Wenger, Dennis R.; Bobechko, Walter P.; Gilday, David L., **128:** 856, 1978
Children, neoplasms
See Neoplasms, in infants and children
Children, respiratory tract
lateral decubitus view: aid in evaluating poorly defined pulmonary densities in children, Kaufman, Allan S.; Kuhns, Lawrence R., (AJR), **129:** 885, 1977
Mycoplasma pneumoniae infections in children (ab), Stevens, David; Swift, P. G. F.; Johnston, P. G. B.; Kearney, P. J.; Corner, Beryl D.; Burman, David, **128:** 564, 1978
pediatric tracheostomy. II. radiographic features of difficult decannulations, Scott, John R.; Kramer, Sandra S., (AJR), **130:** 893, 1978
pediatric tracheostomy. I. radiographic features of normal healing, Scott, John R.; Kramer, Sandra S., (AJR), **130:** 887, 1978
radiologic appearance of viral disease of the lower respiratory tract in infants and children, Osborne, Dennis, (AJR), **130:** 29, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978
Children, urinary tract
acute nontraumatic genitourinary problems in infants and children, Swischuk, Leonard E., (RCNA), **16:** 147, 1978
delayed recurrence of reflux after initial success of antireflux operation (ab), Amar, Arjan D., **128:** 279, 1978
notching of the ureter and renal pelvis in children, Cleveland, Robert H.; Fellows, Kenneth E.; Lebowitz, Robert L., (AJR), **129:** 837, 1977
post-renal failure in an infant due to bilateral ureter obstruction secondary to *Candida* pyelonephritis (ab), Schindera, F.; Pringsheim, W., **127:** 856, 1978
pseudostricture of the urethra: urinal artefact on urethrography, Lebowitz, Robert L., (AJR), **130:** 570, 1978
renovascular hypertension in children and adolescents, Stanley, Philip; Gyepes, Michael T.; Olson, David L.; Gates, Gary F., **129:** 123, 1978
role of radiology in urinary tract infection in children (ab), Isdale, Joy M., **128:** 858, 1978
urography in the child who wets, Stannard, Michael W.; Lebowitz, Robert L., (AJR), **130:** 959, 1978
voiding cystourethrography in infants and children: new technique (ab), Cranley, William R.; O'Connor, John F.; Feins, Neil R., **129:** 855, 1978
Chiropractice
traumatic vertebrobasilar occlusive disease in childhood (ab), Zimmerman, A. W.; Kumar, A. J.; Gadoth, N.; Hodges, III, F. J., **129:** 568, 1978
Chlorambucil
pulmonary disease with chlorambucil therapy (ab), Cole, Solon R.; Myers, Thomas J.; Klatsky, Alan U., **128:** 565, 1978
Cholangiography
See also Bile ducts; Cholecystography
accuracy of biliary duct ultrasound: comparison with cholangiography, Neiman, Harvey L.; Mintzer, Richard A., (AJR), **129:** 979, 1977
cholangiographic appearance of the intrahepatic bile ducts (ab), Wojtowicz, J.; Karwowski, A., **127:** 564, 1978
diagnosis of gangrene and perforation of the gallbladder by endoscopic retrograde cholangiography, Bill, Kazuko; Belber, Joseph P., (AJR), **130:** 67, 1978
gray-scale ultrasonography and thin-needle cholangiography: evaluation in the jaundiced patient (ab), Goldstein, Leonard I.; Sample, William F.; Kadell, Barbara M.; Weiner, Marvin, **126:** 557, 1978
new cholangiographic sign of common bile duct obstruction: initial opacification of intrahepatic ducts, Black, Edward B.; Ferrucci, Jr., Joseph T., (AJR), **130:** 61, 1978
percutaneous cholangiography in infants, Franken, Jr., E. A.; Smith, Wilbur L.; Smith, John A.; Fitzgerald, Joseph F., (AJR), **130:** 1057, 1978
Cholangiography, complications
bile leakage following percutaneous transhepatic cholangiography with the Chiba needle (ab), Juler, George L.; Conroy, Robert M.; Fuelleman, Robert W., **126:** 835, 1978
meglumine iodipamide (Cholografin) hepatotoxicity (ab), Sutherland, L. R.; Edwards, L. A.; Medline, A.; Wilkinson, R. W.; Cannon, J. J., **126:** 278, 1978
Cholangiography, contrast media
role of caerulein in the differential diagnosis of common-bile-duct stenosis, Monti, Carlo; Baraldi, Gian Piero; Malagola, Claudio; Ermini, Giuliano; Mattei, Marzio, **129:** 611, 1978
Cholangiography, indications
barium duodenography as an adjunct to percutaneous transhepatic cholangiography, Jaques, Paul F.; Bream, Charles A., (AJR), **130:** 693, 1978
comparative study of intravenous cholangiography and ^{99m}Tc-pyridoxylideneglutamate in patients with hepatobiliary disease (ab), Stadalnik, Robert C.; Rosenquist, C. John, **127:** 574, 1978
endoscopic retrograde cholangiography (ECR) in surgical emergencies (ab), Safrany, L.; Van Husen, N.; Kautz, G.; Wittrin, G.; Clemens, M.; Weitemeyer, R., **128:** 275, 1978
endoscopic retrograde cholangiography (ERC) in nonamebic liver abscesses (ab), Ascione, Antonio; Elias, Elwyn; Scott, James; Sherlock, Sheila, **128:** 567, 1978
intrahepatic pigment stones: Asian disease diagnosed with retrograde cholangiography (ab), Johnson, Lawrence F.; Walta, Douglas C., **129:** 564, 1978
value of diagnostic aids in detecting pancreas carcinoma (ab), Fitzgerald, Patrick J.; Fortner, Joseph G.; Watson, Robin C.; Schwartz, Morton K.; Sherlock, Paul; Benua, Richard S.; Cubilla, Antonio L.; Schottenfeld, David; Miller, Daniel; Winawer, Sidney J., **128:** 567, 1978
Cholangiography, instrumentation
23-gauge sheathed needle: alternative in transhepatic cholangiography, Russell, Edward; Nunez, Jr., Diego; Yrizarry, Jose, **128:** 822, 1978
Cholangiography, intraoperative
operative cholangiography and overlooked stones (ab), Corlette, Jr., Marvin B.; Schatzki, Stefan; Ackroyd, Frederick, **129:** 276, 1978
Cholangiography, technique
concentration maximum concept in intravenous cholangiography (ab), Behan, M.; Mok, H.; Bell, C. D.; Whitney, B. P., **127:** 564, 1978
experience with percutaneous transhepatic cholangiography using the Japanese needle (ab), Ariyama, Joe; Shirakabe, Hikoo; Ohashi, Kazuhiko; Roberts, Geraint M., **128:** 854, 1978
fine needle cholangiography in postcholecystectomy patients, Ayre-Smith, Geoffrey, (AJR), **130:** 697, 1978
fluoroscopic replacement of a choledochal U-tube using a steerable catheter, Janes, Jefferson O.; McClelland, Robert, **128:** 828, 1978
23-gauge sheathed needle: alternative in transhepatic cholangiography, Russell, Edward; Nunez, Jr., Diego; Yrizarry, Jose, **128:** 822, 1978
modified T-tube for use after nonoperative biliary stone removal, Russell, Edward; Koolpe, Harvey A., **129:** 237, 1978
percutaneous transhepatic cholangiography with the Chiba needle (ab), Fraser, G. M.; Cruikshank, J. G.; Sumerling, M. D.; Buist, T. A. S., **129:** 563, 1978
therapeutic applications of catheter cholangiography, Ring, Ernest J.; Oleaga, Juan A.; Freiman, David B.; Husted, James W.; Lunderquist, Anders, **128:** 333, 1978
thin needle cholangiography: experience with 50 patients (ab), Goldstein, Leonard I.; Kadell, Barbara M.; Weiner, Marvin, **127:** 851, 1978
transhepatic dilatation of choledochoenterostomy strictures, Molnar, William; Stockum, Alfred E., **129:** 59, 1978
transjugular technique of hepatic venography and biopsy, cholangiography, and obliteration of esophageal varices, Goldman, Martin L.; Gonzalez, Antonio C.; Galambos, John T.; Gordon, Ira J.; Oen, Khee-Tiang, **128:** 325, 1978
Cholangiopancreatography
comparison of ultrasound pancreatic scanning and endoscopic retrograde cholangiopancreatograms: retrospective study (ab), Feinberg, Samuel B.; Schreiber, Donald R.; Goodale, Robert, **126:** 284, 1978
diagnostic errors of retrograde cholangiopancreatography: experiences with a prospective study of 197 examinations (ab), Faust, H.; Bernoulli, R.; Stadler, G.; Gyr, N., **129:** 277, 1978

intraluminal duodenal diverticulum: diagnosis during endoscopic pancreatography, Shenoy, Sadashiv S.; Culver, Gordon J.; Ali, Mir Vilayat, (AJR), **129:** 929, 1977
Cholangiopancreatography, indications
evaluation of endoscopic retrograde cholangiopancreatography and angiography in the diagnosis of pancreatic carcinoma, Freeny, Patrick C.; Ball, Terrence J., (AJR), **130:** 683, 1978
Cholecystectomy
See Gallbladder, surgery
Cholecystitis
See Gallbladder, inflammation
Cholecystography
See also Cholangiography; Gallbladder
cholecystokinetic cholecystography: efficacy and tolerance studies of ceruletide, Sargent, E. Nicholas; Boswell, William; Hubsher, Jerome, (AJR), **130:** 1051, 1978
cholecystokinin cholecystography in the diagnosis of chronic acalculous cholecystitis and biliary dyskinesia: critical appraisal (ab), Berk, Robert N., **126:** 279, 1978
conscious dynamic versus unconscious static cystourethrography (ab), Arnold, Samuel J.; Berg, Roger, **127:** 284, 1978
effect of nonfractionated and fractionated administration of iopanoic acid on gallbladder visualization, Nehen, Anna-Marie; Kruse, Verner, **128:** 605, 1978
preliminary abdominal films in oral cholecystography: are they necessary? Harned, Roger K.; LeVeen, Robert F., (AJR), **130:** 477, 1978
prolonged gallbladder opacification after oral cholecystography, Koehler, Robert E.; Stanley, Robert J.; DiCroce, Joseph, **128:** 601, 1978
Cholecystography, contrast media
effect of fasting on gallbladder opacification during oral cholecystography: controlled study in normal volunteers, Loeb, Peter M.; Berk, Robert N.; Janes, Jeff O.; Perkin, Leigh; Moore, John, **126:** 395, 1978
new contrast agent for oral cholecystography: iopronic acid (Oravue), Pizzolato, Nicholas F.; Arcomano, Joseph P.; Baum, Alan E., (AJR), **130:** 845, 1978
Cholecystography, instrumentation
application of radiographic magnification technique with an ultra-high-speed rare-earth screen/film system to oral cholecystography, Imhof, Herwig; Doi, Kunio, **129:** 173, 1978
Cholecystography, technique
single dose oral cholecystography, Krook, Peter M.; Bush, Jr., William H., **127:** 643, 1978
Cholecystokinin
cholecystokinin cholecystography in the diagnosis of chronic acalculous cholecystitis and biliary dyskinesia: critical appraisal (ab), Berk, Robert N., **126:** 279, 1978
Cholelithiasis
See Gallbladder, calculi
Cholesteatoma
analysis of mastoid cholesteatomas (ab), Karma, P.; Pavala, A.; Karja, J., **128:** 563, 1978
cholesteatoma surgery: residual and recurrent disease (ab), Sheehy, James L.; Brackmann, Derald E.; Graham, Malcolm D., **127:** 847, 1978
Cholografin
meglumine iodipamide (Cholografin) hepatotoxicity (ab), Sutherland, L. R.; Edwards, L. A.; Medline, A.; Wilkinson, R. W.; Cannon, J. J., **126:** 278, 1978
Chondrocalcinosis
hand changes in primary biliary cirrhosis, O'Connell, Denis J.; Marx, William J., **129:** 31, 1978
Chondrolysis
See Cartilage, necrosis
Chondroma
bronchopulmonary hamartomas, chondromas, fibromas, and myxomas (ab), Roenspies, U.; Morin, D.; Gloor, E.; von Hochstetter, A. R.; Saegesser, F.; Senning, A., **128:** 565, 1978
Chondrosarcoma
See Sarcoma
Chordae tendineae, mitral
two-dimensional echocardiographic recognition of ruptured chordae tendineae (ab), Mintz, Gary S.; Kotler, Morris N.; Segal, Bernard L.; Parry, Wayne R., **127:** 858, 1978
Chordoma
cranial chordomas (ab), Kendall, B. E.; Lee, B. C. P., **128:** 850, 1978
Chorea
computed tomography for Huntington's disease (ab), Terrence, C. F.; Delaney, J. F.; Alberts, M. C., **127:** 842, 1978
Choriocarcinoma
pulmonary metastases of choriocarcinoma (ab), Libshitz, Herman I.; Baber, Collins E.; Hammond, Charles B., **126:** 276, 1978
Choroid plexus, neoplasms
radiotherapy of choroidal metastases: breast cancer as primary site (ab), Maor, Moshe; Chan, Rafael C.; Young, Sue Ellen, **127:** 288, 1978
Choroid plexus, radionuclide studies
effect of varying dose levels of intravenous sodium perchlorate on choroid plexus visualization (ab), Tetalman, Marc R.; Scheu, John D.; Araujo, Otaviano; Sheriff, Richard A., **127:** 575, 1978
Chotzen-Saethre syndrome
See Bones, dysostoses
Chromosomes
See also Bones, chromosomal aberrations
biological effects of diagnostic ultrasound: review, Baker, Max L.; Dalrymple, Glenn V., **126:** 479, 1978
cytogenetic effects of contrast media and triiodobenzoic acid derivatives in human lymphocytes, Norman, Amos; Adams, Forrest H.; Riley, Richard F., **129:** 199, 1978
measurements on hand radiographs from 32 cri-du-chat probands, Fenger, Kirsten; Niebuhr, Erik, **129:** 137, 1978
multiple skeletal anomalies in the "13q-" syndrome (ab), Chemke, J.; Fishel, E.; Zalish, M.; Sagiv, M., **129:** 854, 1978
Chronic idiopathic intestinal pseudo-obstruction syndrome
See Intestines, motility
Chronic obstructive pulmonary disease (COPD)
See Lungs, chronic obstructive lung disease
Chylopericardium
See Pericardium
Cisterna magna
mega cisterna magna (ab), Adam, Rasheed; Greenberg, Jack O., **129:** 274, 1978
Cisternography, contrast media
studies of the third circulation: Amipaque CT cisternography and ventriculography (ab), Drayer, Burton P.; Rosenbaum, Arthur E., **129:** 845, 1978
visualization of small extracanalicular neurolemomas by metrizamide cisternographic enhancement (ab), Rosenbaum, A. E.; Drayer, B. P.; Dubois, P. J.; Black, F. O., **129:** 851, 1978
Cisternography, technique
postmortem radiography of the subarachnoid cisterns (ab), Lindqvist, M.; Moller, A., **129:** 845, 1978
Cisterns, subarachnoid
normal computed tomography anatomy of the suprasellar subarachnoid space, Wiggli, Urs; Benz, Ulrich F., **128:** 65, 1978
postmortem radiography of the subarachnoid cisterns (ab), Lindqvist, M.; Moller, A., **129:** 845, 1978
spontaneous healing of intracranial aneurysm after subarachnoid hemorrhage: case report (ab), Edner, Goran; Forster, David M. C.; Steiner, Ladislau; Bergvall, Ulf, **129:** 845, 1978
Clavicle
aneurysmal bone cyst of clavicle (ab), Smith, J., **128:** 856, 1978
congenital retrosternal subluxation of the clavicle simulating an intrathoracic mass, Newlin, Nancy S., (AJR), **130:** 1184, 1978
Cloninger, Samuel Raymond
(obit), **126:** 826, 1978
Coccidioidomycosis
Coccidioidomycosis: part I (ab), Drutz, David J.; Catanzaro, Antonino, **128:** 852, 1978
coccidioidomycosis: part II (ab), Drutz, David J.; Catanzaro, Antonino, **128:** 852, 1978
primary coccidioidomycosis in children presenting with massive pleural effusion, Pinckney, Lee; Parker, Bruce R., (AJR), **130:** 247, 1978
Cockayne syndrome
See Bones, primary disturbances of growth
Colitis
bowel stenosis as a late complication of acute necrotizing enterocolitis, Costin, Barbara S.; Singleton, Edward B., **128:** 435, 1978
colitis cystica profunda, Ledesma-Medina, Jocyline; Reid, Barbara S.; Girdany, Bertram R., (AJR), **131:** 529, 1978
detergent enema: cause of caustic colitis (ab), Kirchner, S. G.; Buckspan, G. S.; O'Neill, J. A.; Page, D. L.; Burko, H., **127:** 852, 1978
ischemic disease of the small bowel and colon associated with oral contraceptives (ab), Ghahremani, Gary G.; Meyers, Morton A.; Farman, Jack; Port, Ronald B., **127:** 566, 1978
neonatal necrotizing enterocolitis: therapeutic decisions based upon clinical staging (ab), Bell, Martin J.; Ternberg, Jessie L.; Feigin, Ralph D.; Keating, James P.; Marshall, Richard; Barton, Leslie; Brotherton, Thomas, **128:** 276, 1978
radiographic characteristics of colonic "mucosal bridges": sequelae of inflammatory bowel disease, Hammerman, Albert M.; Shatz, Burton A.; Susman, Noah, **127:** 611, 1978
radiologic evaluation of the continent (Kock) ileostomy, Montagne, Jean-Philippe; Kressel, Herbert Y.; Moss, Albert A.; Schrock, Theodore R., **127:** 325, 1978
Colitis, granulomatous
colitis in Behcet's syndrome: two new cases, Goldstein, Steven J.; Crooks, David J. Mackenzie, **128:** 321, 1978
filiform polyposis, Zegel, Harry G.; Laufer, Igor, **127:** 615, 1978
focal granulomatous (Crohn's) colitis: radiologic-pathologic correlation (ab), Joffe, Norman; Antonioli, Donald A.; Bettmann, Michael A.; Goldman, Harvey, **129:** 276, 1978
ulcerative and granulomatous colitis: 1977 Walter B. Cannon lecture, Sommers, Sheldon C., (AJR), **130:** 817, 1978
Colitis, ulcerative
cholangiographic abnormalities in patients with inflammatory bowel disease, Rohrmann, Jr., Charles A.; Ansel, Howard J.; Freeny, Patrick C.; Silverstein, Fred E.; Protell, Robert L.; Fenster, L. Frederick; Ball, Terrence; Vennes, Jack A.; Silvis, Stephen E., **127:** 635, 1978
cholangiographic abnormalities in ulcerative colitis associated pericholangitis which resemble sclerosing cholangitis (ab), Blackstone, Michael O.; Nemchausky, Bernard A., **129:** 853, 1978
chronic ulcerative colitis and colon cancer: can radiographic appearance predict survival patterns? James, E. Meredith; Carlson, Harley C., (AJR), **130:** 825, 1978
double contrast barium enema in Crohn's disease and ulcerative colitis, Kelvin, Frederick M.; Oddson, Terrence A.; Rice, Reed P.; Garbutt, John T.; Bradenham, Ben P., (AJR), **131:** 207, 1978
filiform polyposis, Zegel, Harry G.; Laufer, Igor, **127:** 615, 1978
radiological detection of colonic dysplasia (precarcinoma) in chronic ulcerative colitis (ab), Frank, Paul H.; Riddell, Robert H.; Feczko, Peter J.; Levin, Bernard, **129:** 565, 1978
Strongyloides stercoralis colitis: findings in four cases, Drasin, George F.; Moss, James P.; Cheng, Samuel H., **126:** 619, 1978
ulcerative and granulomatous colitis: 1977 Walter B. Cannon lecture, Sommers, Sheldon C., (AJR), **130:** 817, 1978
Collagen diseases
dermatomyositis: vocal and swallowing disease entity (ab), Metheny, John A., **129:** 848, 1978
Collimators
See Radiography, instrumentation; Radionuclide imaging, instrumentation
Colon
See also Colitis; Gastrointestinal tract; Intestines
splenic flexure syndrome in childhood (ab), Oppermann, H. C.; Bender, U. G.; Willich, E., **127:** 279, 1978
transverse colon in adult umbilical hernia, Forrest, John V.; Stanley, Robert J., (AJR), **130:** 57, 1978
Colon, abnormalities
angiodysplasia of the right colon: cause of gastrointestinal bleeding, Baum, Stanley; Athanasoulis, Christos A.; Waltman, Arthur C.; Galdabini, James; Schapiro, Robert H.; Warshaw, Andrew L.; Ottinger, Leslie W., (AJR), **129:** 789, 1977
malposition of the colon in right renal agenesis, ectopia, and anterior nephrectomy, Curtis, John A.; Sadhu, Vijay; Steiner, Robert M., (AJR), **129:** 845, 1977
Colon, aganglionosis
intraluminal calcifications in the small bowel of newborn infants with total colonic aganglionosis, Fletcher, Barry D.; Yulish, Barry S., **126:** 451, 1978
Colon, angiography
arteriography in malignant neoplasms of the bowel (ab), Campbell, D. R.; Mason, W. F.; Fraser, D. B.; Standen, J. R., **127:** 566, 1978
Colon, calculi
intraluminal calcifications in the small bowel of newborn infants with total colonic aganglionosis, Fletcher, Barry D.; Yulish, Barry S., **126:** 451, 1978

Colon, cysts
colitis cystica profunda, Ledesma-Medina, Jocyline; Reid, Barbara S.; Girdany, Bertram R., (AJR), **131:** 529, 1978
Colon, dilatation
colonic ileus (ab), Meyers, Morton A., **126:** 552, 1978
myotonic megacolon in myotonic dystrophy, Weiner, Michael J., (AJR), **130:** 177, 1978
Colon, diseases
diagnostic significance of persistent colonic gallium activity: scintigraphic patterns, Pechman, Robert; Tetalman, Marc; Antonmattei, Sadi; Bekerman, Carlos; Olsen, John; Chiles, John, **128:** 691, 1978
functional abnormalities of mesenteric blood flow: guide to organic disease of the bowel (ab), Scott, Jr., William W.; Harrington, Donald P.; Siegelman, Stanley S., **126:** 278, 1978
leukemic infiltration of the colon, Limberakis, Anthony J.; Mossler, Jeffrey A.; Roberts, Jr., Leroy; Jackson, Donald C.; Thompson, William M., (AJR), **131:** 725, 1978
Colon, diverticula
See Intestines, diverticula
Colon, hemorrhage
saddle cancers of the colon and their progression to annular carcinomas, Dreyfuss, Jack R.; Benacerraf, Beryl, **129:** 289, 1978
Colon, inflammation
persistent loop sign in neonatal necrotizing enterocolitis: a new indication for surgical intervention? Wexler, Howard A., **126:** 201, 1978
radiographic characteristics of colonic "mucosal bridges": sequelae of inflammatory bowel disease, Hammerman, Albert M.; Shatz, Burton A.; Susman, Noah, **127:** 611, 1978
radiology of neonatal necrotizing enterocolitis (NEC): review of 47 cases and the literature (ab), Daneman, A.; Woodward, S.; de Silva, M., **129:** 854, 1978
spontaneous resolution of colonic strictures caused by necrotizing enterocolitis: therapeutic implications, Tonkin, Ina L. D.; Bjelland, John C.; Hunter, Tim B.; Capp, M. Paul; Firor, Hugh; Ermocilla, Rufino, (AJR), **130:** 1077, 1978
Colon, mucosa
innominate grooves of the colon: morphological characteristics and etiologic mechanisms, Cole, Frederick M., **128:** 41, 1978
radiological detection of colonic dysplasia (precarcinoma) in chronic ulcerative colitis (ab), Frank, Paul H.; Riddell, Robert H.; Feczko, Peter J.; Levin, Bernard, **129:** 565, 1978
Colon, necrosis
colonic necrosis complicating pancreatitis (ab), Dallemand, Serge; Farman, Jack; Stein, David; Waxman, Marian; Mitchell, Winston, **126:** 551, 1978
Colon, neoplasms
accumulation of bone-seeking radionuclides in liver metastasis from colon carcinoma (ab), Garcia, Antonio C.; Yeh, S. D. J.; Benua, R. S., **127:** 575, 1978
arteriography in malignant neoplasms of the bowel (ab), Campbell, D. R.; Mason, W. F.; Fraser, D. B.; Standen, J. R., **127:** 566, 1978
chronic ulcerative colitis and colon cancer: can radiographic appearance predict survival patterns? James, E. Meredith; Carlson, Harley C., (AJR), **130:** 825, 1978
colorectal tumors: pathology and detection, Ott, David J.; Gelfand, David W., (AJR), **131:** 691, 1978
comparison of colonoscopy and roentgenography for detecting polypoid lesions of the colon (ab), Leinicke, Jeffrey L.; Dodds, Wylie J.; Hogan, Walter J.; Stewart, Edward T., **127:** 564, 1978
elective postoperative radiotherapy for locally advanced colorectal cancer: preliminary report (ab), Turner, S. S.; Vieira, E. F.; Ager, P. J.; Alpert, S.; Efron, G.; Ragins, H.; Weil, P.; Ghossein, N. A., **126:** 285, 1978
familial polyposis (ab), Marshak, Richard H.; Lindner, Arthur E.; Maklansky, Daniel, **126:** 278, 1978
linear shadows in the air-contrast barium enema, Ho, Chia-Sing; Rubin, Eva, **127:** 621, 1978
manitoba barium enema efficacy study, MacEwan, Douglas W.; Kavanagh, Steven; Chow, Peter; Tishler, Jack M., **126:** 39, 1978
neoplasms of the large bowel following ureterosigmoidostomy (ab), Sooriyaarachchi, Gamini S.; Johnson, Robert O.; Carbone, Paul P., **127:** 566, 1978
polypoid colonic lesions undetected by endoscopy, Miller, Roscoe E.; Lehman, Glen, **129:** 295, 1978
saddle cancers of the colon and their progression to annular carcinomas, Dreyfuss, Jack R.; Benacerraf, Beryl, **129:** 289, 1978
ultrasonic appearance of the Krukenberg tumor, Rochester, David; Levin, Bernard; Bowie, James D.; Kunzmann, Axel, (AJR), **129:** 919, 1977
Colonoscopy
comparison of colonoscopy and roentgenography for detecting polypoid lesions of the colon (ab), Leinicke, Jeffrey L.; Dodds, Wylie J.; Hogan, Walter J.; Stewart, Edward T., **127:** 564, 1978
state of radiographic technique in the examination of the colon: survey, Thoeni, Ruedi F.; Margulis, Alexander R., **127:** 317, 1978
Colon, polypi
See Colon, neoplasms
Colon, radiation effects
See Intestines, radiation effects
Colon, radiography
barium enema: reassessment looking toward perfection, Peterson, Gary H.; Miller, Roscoe E., **128:** 315, 1978
diatrizoate enemas: facts and fallacies of colonic toxicity, Wood, Beverly P.; Katzberg, Richard W.; Ryan, Daniel H.; Karch, Fred E., **126:** 441, 1978
lymphoid follicular pattern: normal feature of the pediatric colon, Laufer, Igor; deSa, Derek, (AJR), **130:** 51, 1978
polypoid colonic lesions undetected by endoscopy, Miller, Roscoe E.; Lehman, Glen, **129:** 295, 1978
state of radiographic technique in the examination of the colon: survey, Thoeni, Ruedi F.; Margulis, Alexander R., **127:** 317, 1978
Colon, radionuclide studies
diagnostic significance of persistent colonic gallium activity: scintigraphic patterns, Pechman, Robert; Tetalman, Marc; Antonmattei, Sadi; Bekerman, Carlos; Olsen, John; Chiles, John, **128:** 691, 1978
Colon, stenosis
bowel stenosis as a late complication of acute necrotizing enterocolitis, Costin, Barbara S.; Singleton, Edward B., **128:** 435, 1978
Colon, stricture
See Intestines, stenosis
Colon, surgery
radiology of colon loop diversion: anatomical and urodynamic studies of the conduit and ureters in children and adults, Yoder, Isabel C.; Pfister, Richard C., **127:** 85, 1978
suture granuloma of the stomach following total colectomy, Belleza, Norberto A.; Lowman, Robert M., **127:** 84, 1978
Computed tomography
computed tomography: stimulus and challenge for radiology, Evens, Ronald G., (SR), **13:** 191, 1978
computerized axial tomography. anatomic atlas of serial sections of the human body. anatomy—radiology—scanner (bk rev), Gambarelli, Joseph; Guerinel, Gerard; Chevrot, Laurent; Mattei, Mathieu, Reviewed by Kazam, Elias; Whalen, Joseph P., **126:** 412, 1978
computerized cranial tomography: effect on diagnostic and therapeutic plans (ab), Fineberg, Harvey V.; Bauman, Roger; Sosman, Martha, **126:** 548, 1978
cross-sectional anatomy: computed tomography and ultrasound correlation (bk rev), Carter, Barbara L.; Morehead, James; Wolpert, Samuel L.; Hammerschlag, Steven B.; Griffiths, Harry J.; Kahn, Paul C., Reviewed by Eyler, William R., **127:** 164, 1978
effect of CT noise on detectability of test objects, Chew, Evelyn; Weiss, George H.; Brooks, Rodney A.; Di Chiro, Giovanni, (AJR), **131:** 681, 1978
medical implications of computed tomography ("CAT scanning"). first of two parts (ab), Abrams, Herbert L.; McNeil, Barbara J., **129:** 572, 1978
medical implications of computed tomography ("CAT scanning"). second of two parts (ab), Abrams, Herbert L.; McNeil, Barbara J., **129:** 572, 1978
potential uses of more accurate CT absorption values by filtering, Hounsfield, G. N., (AJR), **131:** 103, 1978
use of body scanner in radiotherapy treatment planning (ab), Munzenrider, John E.; Pilepich, Miljenko; Rene-Ferrero, Juan B.; Tachakarova, Ivanka; Carter, Barbara L., **126:** 286, 1978
Computed tomography, abdomen
abdominal CSF pseudocyst secondary to ventriculoperitoneal shunt: diagnosis by computed tomography in two cases (ab), Chuang, Vincent P.; Fried, Andrew M.; Oliff, Michael; Ellis, Guy T.; Sachatello, Charles R., **127:** 854, 1978
accuracy of computed tomography in detecting intraabdominal and pelvic adenopathy in lymphoma, Lee, Joseph K. T.; Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G., (AJR), **131:** 311, 1978
accuracy of CT in detecting intraabdominal and pelvic lymph node metastases from pelvic cancers, Lee, Joseph K. T.; Stanley, Robert J.; Sagel, Stuart S.; McClennan, Bruce L., (AJR), **131:** 675, 1978
ascitic fluid in the anterior paravesical fossa: misleading appearance on CT scans, Callen, Peter W.; Filly, Roy A.; Korobkin, Melvyn, (AJR), **130:** 1176, 1978
capability of CT body scanning and ultrasonography to demonstrate the status of the biliary ductal system in patients with jaundice, Goldberg, Henry I.; Filly, Roy A.; Korobkin, Melvyn; Moss, Albert A.; Kressel, Herbert Y.; Callen, Peter W., **129:** 731, 1978
clinical efficacy of computed body tomography, Wittenberg, Jack; Fineberg, Harvey V.; Black, Edward B.; Kirkpatrick, Rob H.; Schaffer, Derace L.; Ikeda, Margaret K.; Ferrucci, Jr., Joseph T., (AJR), **131:** 5, 1978
comparison of computed tomography, ultrasonography, and gallium-67 scanning in the evaluation of suspected abdominal abscess, Korobkin, Melvyn; Callen, Peter W.; Filly, Roy A.; Hoffer, Paul B.; Shimshak, Robert R.; Kressel, Herbert Y., **129:** 89, 1978
complementary role of gallium citrate imaging and computed tomography in the evaluation of suspected abdominal infection (ab), Shimshak, Robert R.; Korobkin, Melvyn; Hoffer, Paul B.; Schor, Robert; Hill, Thomas C.; Kressell, Herbert Y., **128:** 575, 1978
complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, Levitt, Robert G.; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, RobertJ.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert, **126:** 149, 1978
computed body tomography in children: evaluation of 45 patients, Brasch, Robert C.; Korobkin, Melvyn; Gooding, Charles A., (AJR), **131:** 21, 1978
computed tomographic angiography of the body, Korobkin, Melvyn; Kressel, Herbert Y.; Moss, Albert A.; Koehler, Robert E., **126:** 807, 1978
computed tomographic evaluation of the diaphragmatic crura, Callen, Peter W.; Filly, Roy A.; Korobkin, Melvyn, **126:** 413, 1978
computed tomographic evaluation of disorders affecting the alimentary tract, Kressel, Herbert Y.; Callen, Peter W.; Montagne, Jean-Phillipe; Korobkin, Melvyn; Goldberg, Henry I.; Moss, Albert A.; Arger, Peter H.; Margulis, Alexander R., **129:** 451, 1978
computed tomographic evaluation of the retrocrural prevertebral space, Callen, Peter W.; Korobkin, Melvyn; Isherwood, Ian, (AJR), **129:** 907, 1977
computed tomographic scanning in patients with lymphoma (ab), Jones, Stephen E.; Tobias, Donald A.; Waldman, Robert S., **128:** 571, 1978
computed tomography and radionuclide imaging of the liver: comparative evaluation, Biello, Daniel R.; Levitt, Robert G.; Siegel, Barry A.; Sagel, Stuart S.; Stanley, Robert J., **127:** 159, 1978
computed tomography-guided biopsy. I. overview (ab), Haaga, John R.; Reich, Norbert E.; Havrilla, Thomas R.; Alfidi, Ralph J.; Meaney, Thomas F., **128:** 859, 1978
computed tomography in renal transplant problems, Kittredge, Richard D.; Brensilver, Jeffrey; Pierce, James C., **127:** 165, 1978
computed tomography of abdominal abnormalities (bk rev), Haaga, John; Reich, Norbert E., Reviewed by Stanley, Robert J., **128:** 384, 1978
computed tomography of subcapsular splenic hematoma: clinical and experimental studies, Korobkin, Melvyn; Moss, Albert A.; Callen, Peter W.; DeMartini, William J.; Kaiser, Jay A., **129:** 441, 1978
computed tomography of the abdomen in the malignant lymphomas, Harell, George S.; Breiman, Richard S.; Glatstein, Eli J.; Marshall, Jr., William H.; Castellino, Ronald A., (RCNA), **15:** 391, 1977

computed tomography of the retroperitoneum and abdominal wall, Carter, Barbara L.; Wechsler, Richard J., (SR), **13:** 201, 1978
CT-assisted pelvic and abdominal aspiration biopsies in gynecological malignancy, Jacques, Paul F.; Staab, E.; Richey, W.; Photopulos, G.; Swanton, M., **128:** 651, 1978
CT-pathologic correlations in Hodgkin's disease and non-Hodgkin's lymphoma, Breiman, Richard S.; Castellino, Ronald A.; Harell, George S.; Marshall, William H.; Glatstein, Eli; Kaplan, Henry S., **126:** 159, 1978
CT scanning and ultrasound in the evaluation of pancreatic pseudocysts: preliminary comparison, Kressel, Herbert Y.; Margulis, Alexander R.; Gooding, Gretchen W.; Filly, Roy A.; Moss, Albert A.; Korobkin, Melvyn, **126:** 153, 1978
detection of inferior vena caval thrombosis with computed tomography, Steele, J. Richard; Sones, Peter J.; Heffner, Jr., L. T., **128:** 385, 1978
effect of Gastrografin and glucagon on CT scanning of the pancreas: blind clinical trial, Moss, Albert A.; Kressel, Herbert Y.; Korobkin, Melvyn; Goldberg, Henry I.; Rohlfing, Barbara M.; Brasch, Robert C., **126:** 711, 1978
external anatomic landmarks of the abdomen related to vertebral segments: applications in cross-sectional imaging, Kuhns, Lawrence R.; Borlaza, Gil S.; Seigel, Robert; Thornbury, John R., (AJR), **131:** 115, 1978
level marker for whole-body computed tomography, Burney, Bryan T.; Klatte, Eugene C., **129:** 238, 1978
observations on the medical efficacy of computed tomography of the chest and abdomen, Robbins, Alan H.; Pugatch, Robert D.; Gerzof, Stephen G.; Faling, Leendert J.; Johnson, Willard C.; Sewell, David H., (AJR), **131:** 15, 1978
relationship of computed tomography and ultrasonography in diagnosis of abdominal disease (ab), Holm, Hans H.; Smith, Edward H.; Bartrum, Jr., Royal J., **126:** 557, 1978
ultrasonic and computed tomographic appearance of splenic lobulations: consideration in the ultrasonic differential of masses adjacent to the left kidney, Gooding, Gretchen A. W., **126:** 719, 1978
use of pro-banthine to induce gastrointestinal hypotonia, Merlo, Richard B.; Stone, Margie; Baugus, Pat; Martin, Martha, **127:** 61, 1978

Computed tomography, adrenals
adrenal cortical tumors with low attenuation coefficients: pitfall in computed tomography diagnosis (ab), Schaner, Everett G.; Dunnick, N. Reed; Doppman, John L.; Strott, Charles A.; Gill, Jr., John R.; Javadpour, Nasser, **127:** 856, 1978
computed tomography and gray scale ultrasonography of the adrenal gland: comparative study, Sample, William F.; Sarti, Dennis A., **128:** 377, 1978
computed tomography of the adrenal gland, Karstaedt, Nolan; Sagel, Stuart S.; Stanley, Robert J.; Melson, G. Leland; Levitt, Robert G., **129:** 723, 1978
computed tomography of the normal adrenal glands, Montagne, Jean-Philippe; Kressel, Herbert Y.; Korobkin, Melvyn; Moss, Albert A., (AJR), **130:** 963, 1978
ultrasonography of adrenal masses: usual features, Yeh, Hsu-Chong; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester, **127:** 467, 1978
ultrasonography of adrenal masses: unusual manifestations, Yeh, Hsu-Chong; Mitty, Harold A.; Rose, Judith; Wolf, Bernard S.; Gabrilove, J. Lester, **127:** 475, 1978

Computed tomography, anatomy
atlas of the human brain for computed tomography based on the glabella-inion line (ab), Takase, M.; Tokunaga, A.; Otani, K.; Horie, T., **128:** 560, 1978
external anatomic landmarks of the abdomen related to vertebral segments: applications in cross-sectional imaging, Kuhns, Lawrence R.; Borlaza, Gil S.; Seigel, Robert; Thornbury, John R., (AJR), **131:** 115, 1978

Computed tomography, aorta
comparison of computed tomography and ultrasound for abdominal aortic aneurysms: preliminary study (ab), Raskin, Michael M.; Cunningham, James B., **128:** 853, 1978
CT detection of infected synthetic grafts: preliminary report of a new sign, Haaga, John R.; Baldwin, G. Nicholas; Reich, Norbert E.; Beven, Edwin; Kramer, Albrecht; Weinstein, Allan; Havrilla, Thomas R.; Seidelmann, Frank E.; Namba, Al H.; Parrish, Charles M., (AJR), **131:** 317, 1978

Computed tomography, attenuation coefficients
apical artifact: elevated attenuation values toward the apex of the skull (ab), Di Chiro, Giovanni; Brooks, Rodney A.; Dubal, Leo; Chew, Evelyn, **128:** 269, 1978
standardization of computed tomography images by means of a material-selective beam hardening correction (ab), Ruegesegger, P.; Hangartner, Th.; Keller, H. U.; Hinderling, Th., **129:** 282, 1978

Computed tomography, bile ducts
capability of CT body scanning and ultrasonography to demonstrate the status of the biliary ductal system in patients with jaundice, Goldberg, Henry I.; Filly, Roy A.; Korobkin, Melvyn; Moss, Albert A.; Kressel, Herbert Y.; Callen, Peter W., **129:** 731, 1978
computed tomographic diagnosis of obstructive jaundice in the absence of intrahepatic ductal dilatation, Shanser, Jon D.; Korobkin, Melvyn; Goldberg, Henry I.; Rohlfing, Barbara M., (AJR), **131:** 389, 1978

Computed tomography, bladder
accuracy of CT staging of bladder neoplasms using the gas-filled method: report of 21 patients with surgical confirmation, Seidelmann, Frank E.; Cohen, William N.; Bryan, Patrick J.; Temes, Sanford P.; Kraus, Dennis; Schoenrock, Gary, (AJR), **130:** 735, 1978
pear-shaped bladder caused by large iliopsoas muscles, Chang, Stanley F., **128:** 349, 1978

Computed tomography, bones
comparative sensitivity of CT scans, radiographs and radionuclide bone scans in detecting metastatic calvarial lesions, Kido, Daniel K.; Gould, Robert; Taati, Farshid; Duncan, Andrew; Schnur, James, **128:** 371, 1978
computed tomography in the evaluation of musculoskeletal neoplasms, deSantos, Luis Alonso; Goldstein, Harvey M.; Murray, John A.; Wallace, Sidney, **128:** 89, 1978
computed tomography of musculoskeletal disorders, Wilson, John S.; Korobkin, Melvyn; Genant, Harry K.; Bovill, Jr., Edwin G., (AJR), **131:** 55, 1978
computed tomography of the skeletal system, McLeod, Richard A.; Stephens, David H.; Beabout, John W.; Sheedy, II, Patrick F.; Hattery, Robert R., (SR), **13:** 235, 1978
evaluation of giant cell tumor by computerized tomography (ab), deSantos, Luis A.; Murray, John A., **129:** 279, 1978

Computed tomography, breast
computed tomographic evaluation of the breast, Chang, C. H. Joseph; Sibala, Justo L.; Fritz, Steven L.; Gallagher, Joe H.; Dwyer, III, Samuel J.; Templeton, Arch W., (AJR), **131:** 459, 1978
computed tomography of soft tissues and breast, McLeod, Richard A.; Gisvold, John J.; Stephens, David H.; Beabout, John W.; Sheedy, II, Patrick F., (SR), **13:** 267, 1978
preoperative diagnosis of potentially precancerous breast lesions by computed tomography breast scanner: preliminary study, Chang, C. H. Joseph; Sibala, Justo L.; Lin, Fritz; Jewell, William R.; Templeton, Arch W., **129:** 209, 1978

Computed tomography, contrast enhancement
acute multiple sclerosis with contrast-enhancing plaques (ab), Lebow, Steven; Anderson, David C.; Mastri, Angeline; Larson, David, **129:** 560, 1978
computed tomographic angiography of the body, Korobkin, Melvyn; Kressel, Herbert Y.; Moss, Albert A.; Koehler, Robert E., **126:** 807, 1978
computed tomography in astrocytomas: statistical analysis of the parameters of malignancy and the positive contrast-enhanced CT scan, Butler, Alan R.; Horii, Steven C.; Kricheff, Irvin I.; Shannon, Michael B.; Budzilovich, Gleb N., **129:** 433, 1978
computed tomography of acoustic neurinoma, Robbins, Barry; Marshall, Jr., William H., **128:** 367, 1978
computerized tomography as a possible aid to histological grading of supratentorial gliomas (ab), Tchang, Stanley; Terbrugge, Karel; Melancon, Denis; Belanger, Gary; Milner, Curt; Ethier, Romeo; Scotti, Giuseppe, **127:** 842, 1978
diagnosis of subdural haematoma by computed axial tomography: use of xenon inhalation for contrast enhancement (ab), Zilkha, E.; Kendall, B. E.; Loh, L.; Hayward, R.; Radue, E. W.; Ingram, G. S., **129:** 557, 1978
diatrizoate in computed cranial tomography: quantitative study (ab), Leppik, I. E.; Thompson, C. J.; Ethier, R.; Sherwin, A. L., **126:** 548, 1978
extravascular iodine in contrast enhancement with computed tomography (ab), Handa, J.; Matsuda, I.; Handa, H.; Nakano, Y.; Komuro, H.; Nakajima, K., **129:** 851, 1978
interval computed tomography in multiple sclerosis, Weinstein, Meredith A.; Lederman, Richard J.; Rothner, A. David; Duchesneau, Paul M.; Norman, David, **129:** 689, 1978
iodide and xenon enhancement of computed tomography (CT) in multiple sclerosis (MS) (ab), Radue, E. W.; Kendall, B. E., **129:** 851, 1978
malignant melanoma metastatic to the central nervous system, Enzmann, Dieter R.; Kramer, Richard; Norman, David; Pollock, James, **127:** 177, 1978
non-contrast CT scanning: limited value in suspected brain tumor, Butler, Alan R.; Kricheff, Irvin I., **126:** 689, 1978
optimal contrast dosage in cranial computed tomography, Norman, David; Enzmann, Dieter R.; Newton, Thomas H., (AJR), **131:** 687, 1978
protocol for the use of contrast enhancement in cranial computed tomography, Latchaw, Richard E.; Gold, Lawrence H. A.; Tourje, E. James, **126:** 681, 1978
quantitative aspects of contrast enhancement in cranial computed tomography, Norman, David; Stevens, Edwin A.; Wing, S. Douglas; Levin, Victor; Newton, Thomas H., **129:** 683, 1978
scanning techniques in computed body tomography, Kirkpatrick, Robert H.; Wittenberg, Jack; Schaffer, Derace L.; Black, Edward B.; Hall, Deborah A.; Braitman, Barbara S.; Ferrucci, Jr., Joseph T., (AJR), **130:** 1069, 1978
vermian pseudotumor: potential pitfall of CT brain scanning with contrast enhancement (ab), Kramer, R. A., **127:** 842, 1978
visualization of small extracanalicular neurolemomas by metrizamide cisternographic enhancement (ab), Rosenbaum, A. E.; Drayer, B. P.; Dubois, P. J.; Black, F. O., **129:** 851, 1978
xenon contrast enhancement in computed body tomography, Foley, W. Dennis; Haughton, Victor M.; Schmidt, James; Wilson, Charles R., **129:** 219, 1978

Computed tomography, cost effectiveness
clinical efficacy of computed body tomography, Wittenberg, Jack; Fineberg, Harvey V.; Black, Edward B.; Kirkpatrick, Rob H.; Schaffer, Derace L.; Ikeda, Margaret K.; Ferrucci, Jr., Joseph T., (AJR), **131:** 5, 1978
computed tomography: cost and efficacy implications, Abrams, Herbert L.; McNeil, Barbara J., (AJR), **131:** 81, 1978
computed tomography in a private practice office, Ross, Ronald J., **127:** 693, 1978
computed tomography in patients with cerebrovascular disease: impact of a new technology on patient care, Larson, Eric B.; Omenn, Gilbert S.; Loop, John W., (AJR), **131:** 35, 1978
economic analysis of body computed tomography units including data on utilization, Evens, Ronald G.; Jost, R. Gilbert, **127:** 151, 1978
efficacy of computed tomography of the head in changing patient care and health costs: retrospective study, Bahr, Albert Lee; Hodges, III, Fred J., (AJR), **131:** 45, 1978
efficacy of CT-assisted two-dimensional treatment planning: analysis of 45 patients, Ragan, Don P.; Perez, Carlos A., (AJR), **131:** 75, 1978
efficiency of utilization of a computed tomography scanner, Winter, James, (AJR), **131:** 89, 1978
observations on the medical efficacy of computed tomography of the chest and abdomen, Robbins, Alan H.; Pugatch, Robert D.; Gerzof, Stephen G.; Faling, Leendert J.; Johnson, Willard C.; Sewell, David H., (AJR), **131:** 15, 1978
potentials of computed tomography in radiation therapy treatment planning, McCullough, Edwin C., **129:** 765, 1978
utilization of cost-effectiveness of cranial computed tomography at a university hospital (ab), Knaus, William A.; Davis, David O., **129:** 272, 1978

Computed tomography, display systems
computed tomography scans on paper, Ackerman, Laurens V., **128:** 819, 1978

general purpose digital display system for computed tomography images, Tully, Richard J.; McFarland, William D.; Lodwick, Gwilym S., **127:** 539, 1978
grain in the stone: computer search for hidden CT patterns, Horton, Joseph A.; Kerber, Charles W., **129:** 427, 1978
Computed tomography, dosimetry
CT determination of parameters for inhomogeneity corrections in radiation therapy of the esophagus, Fullerton, Gary D.; Sewchand, Wilfred; Payne, J. Thomas; Levitt, Seymour H., **126:** 167, 1978
film dosimetry system for use in computed tomography, Dixon, Robert L.; Ekstrand, Kenneth E., **127:** 255, 1978
patient dosage in computed tomography, McCullough, Edwin C.; Payne, J. Thomas, **129:** 457, 1978
Computed tomography, economics
computed tomography in a private practice office, Ross, Ronald J., **127:** 693, 1978
economic analysis of body computed tomography units including data on utilization, Evens, Ronald G.; Jost, R. Gilbert, **127:** 151, 1978
Computed tomography, emission
See Emission computed tomography
Computed tomography, experimental
evaluation of calcium concentration in bones from CT scans, Bradley, J. G.; Huang, H. K.; Ledley, R. S., **128:** 103, 1978
measurement of left ventricular cast volume by computed tomography, Lipton, Martin J.; Hayashi, Thomas T.; Boyd, Douglas; Carlsson, Erik, **127:** 419, 1978
radionuclide emission computed tomography of the body of laboratory animals, Hill, Thomas C.; Costello, Philip; Davis, Michael A.; Lovett, Richard; Shulkin, Peter, **128:** 799, 1978
Computed tomography, extremities
computed tomography in the evaluation of sarcomatous tumors of the thigh, Weinberger, Gerald; Levinsohn, E. Mark, (AJR), **130:** 115, 1978
Computed tomography, gallbladder
computed tomography of the gallbladder, Havrilla, Thomas R.; Reich, Norbert E.; Haaga, John R.; Seidelmann, Frank E.; Cooperman, Avram M.; Alfidi, Ralph J., (AJR), **130:** 1059, 1978
Computed tomography, head
absence of cerebral atrophy in chronic cannabis users: evaluation by computerized transaxial tomography (ab), Co, Ben T.; Goodwin, Donald W.; Gado, Mokhtar; Mikhael, Michael; Hill, Shirley Y., **126:** 548, 1978
achondroplasia and hydrocephalus: computerized tomographic, roentgenographic, and psychometric study (ab), Mueller, S. M.; Bell, W.; Cornell, S.; DeS Hamsher, K.; Dolan, K., **126:** 833, 1978
adrenoleukodystrophy: correlative analysis of computed tomography and radionuclide studies, Furuse, Makoto; Obayashi, Taminori; Tsuji, Shoji; Miyatake, Tadashi, **126:** 707, 1978
angiographic diagnosis of fourth ventricle tumors, Numaguchi, Yuji; Kishikawa, Takashi; Fukui, Masashi; Komaki, Senichiro; Russell, Walter J.; Ikeda, Jun; Okudera, Toshio; Matsuura, Keiichi; Kitamura, Katsutoshi, **128:** 393, 1978
apical artifact: elevated attenuation values toward the apex of the skull (ab), Di Chiro, Giovanni; Brooks, Rodney A.; Dubal, Leo; Chew, Evelyn, **128:** 269, 1978
arachnoid cyst and associated subdural hematoma: observations on conventional roentgenographic and computerized tomographic diagnosis (ab), LaCour, Fritz; Trevor, Richard; Carey, Michael, **128:** 267, 1978
atlas of the human brain for computed tomography based on the glabella-inion line (ab), Takase, M.; Tokunaga, A.; Otani, K.; Horie, T., **128:** 560, 1978
base of the skull: comparison of computed and conventional tomography (ab), Becker, Hartmut; Grau, Holger; Hacker, Hans; Ploder, Karl-Walter, **128:** 269, 1978
basilar artery ectasia demonstrated by computed tomography (L), Sacks, Joel G., **126:** 530, 1978
basilar artery ectasia demonstrated by computed tomography: reply (L), Duchesneau, Paul M., **126:** 530, 1978
basilar artery ectasia demonstrated by computed tomography: reply (L), Weinstein, Meredith A., **126:** 530, 1978
bone erosions associated with intracranial arteriovenous malformation (ab), Azar-Kia, Behrooz; Palacios, Enrique; Danley, Robert, **126:** 547, 1978
broca aphasia: pathologic and clinical (ab), Mohr, J. P.; Pessin, M. S.; Finkelstein, S.; Funkenstein, H. H.; Duncan, G. W.; Davis, K. R., **129:** 559, 1978
choice of the plane of incidence of computed tomography of the cerebral cortex (ab), Salamon, G.; Lecaque, G., **128:** 269, 1978
comparative sensitivity of CT scans, radiographs and radionuclide bone scans in detecting metastatic calvarial lesions, Kido, Daniel K.; Gould, Robert; Taati, Farshid; Duncan, Andrew; Schnur, James, **128:** 371, 1978
computed cranial tomography in the investigation of acoustic neurilemmomas (ab), Dubois, Philip J.; Drayer, Burton P.; Boehnke, Manfred; Rosenbaum, Arthur E., **126:** 547, 1978
computed tomographic brain scanning in patients with lymphoma, Brant-Zawadzki, M.; Enzmann, Dieter R., **129:** 67, 1978
computed tomographic brain scanning in intraparenchymal pyogenic abscesses, Stevens, Edwin A.; Norman, David; Kramer, Richard A.; Messina, Albert B.; Newton, Thomas H., (AJR), **130:** 111, 1978
computed tomographic examination of heavy marijuana smokers (ab), Kuehnie, John; Mendelson, Jack H.; Davis, Kenneth R.; New, Paul F. J., **127:** 559, 1978
computed tomographic measurement of the xenon brain–blood partition coefficient and implications for regional cerebral blood flow: preliminary report, Kelcz, Frederick; Hilal, Sadek K.; Hartwell, Patricia; Joseph, Peter M., **127:** 385, 1978
computed tomography after psychosurgery (ab), Banna, M.; Adams, K.; Tunks, E.; Finlayson, M. A. J., **128:** 269, 1978
computed tomography and radionuclide imaging in the evaluation of ischemic stroke, Campbell, J. Keith; Houser, O. Wayne; Stevens, J. Clarke; Wahner, Heinz W.; Baker, Jr., Hillier L.; Folger, W. Neath, **126:** 695, 1978
computed tomography and skull radiography in the diagnosis of calcified brain tumor, Gouliamos, Athanassios D.; Jimenez, John P.; Goree, John A., (AJR), **130:** 761, 1978
computed tomography and subarachnoid hemorrhage (ab), Liliequist, B.; Lindqvist, M.; Valdimarsson, E., **128:** 267, 1978
computed tomography for Huntington's disease (ab), Terrence, C. F.; Delaney, J. F.; Alberts, M. C., **127:** 842, 1978
computed tomography in astrocytomas: statistical analysis of the parameters of malignancy and the positive contrast-enhanced CT scan, Butler, Alan R.; Horii, Steven C.; Kricheff, Irvin I.; Shannon, Michael B.; Budzilovich, Gleb N., **129:** 433, 1978
computed tomography in a transient brain stem disorder, Gilner, Leon I.; Quencer, Robert M.; Daroff, Robert B., (AJR), **130:** 357, 1978
computed tomography in cranial tuberculosis, Price, Hilton I.; Danziger, Alan, (AJR), **130:** 769, 1978
computed tomography in craniopharyngiomas, Fitz, Charles R.; Wortzman, George; Harwood-Nash, Derek C.; Holgate, Richard C.; Barry, Jonathan F.; Boldt, David W., **127:** 687, 1978
computed tomography in isodense subdural hematoma, Kim, Kwang S.; Hemmati, Masoud; Weinberg, Peter E., **128:** 71, 1978
computed tomography in leptomeningeal infections, Cockrill, Jr., H. Howard; Dreisbach, Jim; Lowe, Betty; Yamauchi, Terry, (AJR), **130:** 511, 1978
computed tomography in ocular neoplastic disease, Bernardino, Michael E.; Danziger, Julius; Young, Sue Ellen; Wallace, Sidney, (AJR), **131:** 111, 1978
computed tomography in patients with cerebrovascular disease: impact of a new technology on patient care, Larson, Eric B.; Omenn, Gilbert S.; Loop, John W., (AJR), **131:** 35, 1978
computed tomography in primary malignant lymphoma of the brain (ab), Tadmor, Rina; Davis, Kenneth R.; Roberson, Glenn H.; Kleinman, George M., **129:** 271, 1978
computed tomography in syringomyelia and the associated Arnold-Chiari type I malformation (ab), Forbes, W. St. C.; Isherwood, I., **129:** 855, 1978
computed tomography in the diagnosis and differential diagnosis of glioblastomas: qualitative study of 295 cases (ab), Steinhoff, H.; Lanksch, W.; Kazner, E.; Grumme, T.; Meese, W.; Lange, S.; Aulick, A.; Schindler, E.; Wende, S., **128:** 850, 1978
computed tomography in the diagnosis of primary lymphoma of the central nervous system (ab), Radvany, Joao; Levine, Harvey, **129:** 272, 1978
computed tomography in the evaluation of subdural hematomas, Forbes, Glenn S.; Sheedy, II, Patrick F.; Piepgras, David G.; Houser, O. Wayne, **126:** 143, 1978
computed tomography in the evaluation of encephaloceles in infants and children (ab), Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Rogovitz, David M., **128:** 268, 1978
computed tomography in the follow-up of medulloblastomas and ependymomas, Enzmann, Dieter R.; Norman, David; Levin, Victor; Wilson, Charles; Newton, Thomas H., **128:** 57, 1978
computed tomography of acoustic neurinoma, Robbins, Barry; Marshall, Jr., William H., **128:** 367, 1978
computed tomography of cerebellar astrocytoma, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Bruno, Leonard; Rosenstock, Jeffrey, (AJR), **130:** 929, 1978
computed tomography of herpes simplex encephalitis, with clinicopathological correlation, Davis, James M.; Davis, Kenneth R.; Kleinman, George M.; Kirchner, Howard S.; Taveras, Juan M., **129:** 409, 1978
computed tomography of herpes simplex encephalitis, Enzmann, Dieter R.; Ranson, B.; Norman, D.; Talberth, E., **129:** 419, 1978
computed tomography of intra- and juxtasellar lesions: radiological study of 108 cases (ab), Gyldensted, C.; Karle, A., **128:** 270, 1978
computed tomography of intraorbital optic nerve gliomas in children, Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M., **129:** 73, 1978
computed tomography of orbital lesions: radiological study of 144 cases (ab), Gyldensted, C.; Lester, J.; Fledelius, H., **127:** 559, 1978
computed tomography of orbital lesions: cooperative study of 210 cases (ab), Wende, S.; Aulich, A.; Nover, A.; Lanksch, W.; Kazner, E.; Steinoff, H.; Meese, W.; Lange, S.; Grumme, T., **127:** 559, 1978
computed tomography of pediatric head trauma: acute general cerebral swelling, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Bruce, Derek; Dolinskas, Carol; Obrist, Walter; Kuhl, David, **126:** 403, 1978
computed tomography of shearing injuries of the cerebral white matter, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Gennerali, Thomas, **127:** 393, 1978
computed tomography of the face and neck, Carter, Barbara L.; Karmody, Colin S., (SR), **13:** 257, 1978
computed tomography of the optic nerve: part I. normal results (ab), Salvolini, U.; Cabanis, E. A.; Rodallec, A.; Menichelli, F.; Pasquini, U.; Iba-Zizen, M. T., **129:** 272, 1978
computed tomography of the optic nerve: part II. size and shape modifications in pappiledema (ab), Cabanis, E. A.; Salvolini, U.; Rodallec, A.; Menichelli, F.; Pasquini, U.; Bonnin, P., **129:** 272, 1978
computed tomography of the skull base in the coronal plane (ab), Wolpert, Samuel M., **128:** 849, 1978
computed tomography of the trapped fourth ventricle, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Gallo, Eduardo, (AJR), **130:** 503, 1978
computed tomography of vertebrobasilar artery aneurysm (ab), Zimmerman, Robert A.; Bilaniuk, Larissa T., **128:** 849, 1978
computer assisted tomography in primary malignant lymphomas of the brain (ab), Kasner, Ekkehard; Wilske, Jochen; Steinhoff, Harald; Stochdorph, Otto, **129:** 271, 1978
computer assisted tomography of orbital lesions in Wegener's granulomatosis (ab), Vermess, Michael; Haynes, Barton F.; Fauci, Anthony S.; Wolff, Sheldon M., **128:** 268, 1978
computer assisted ventriculography (ab), Sivalingam, Selvadural; Dublin, Arthur B.; Youmans, Julian R., **129:** 271, 1978
computerized axial tomography in the study of intracranial complications in hematology (ab), Gastaut, Jean-Albert; Gastaut, Jean-Louis; Carcassonne, Yves, **128:** 561, 1978
computerized axial tomography in the preoperative evaluation of an angiofibroma (ab), Duckert, Larry G.; Varley, Richard B.; Hilger, Jerome A., **129:** 849, 1978

computerized tomography and surgical treatment in intracranial suppuration: report of 30 consecutive unselected cases of brain abscess and subdural empyema (ab), Joubert, Mauritius J.; Stephanov, Stephan, **127:** 843, 1978
computerized tomography as a possible aid to histological grading of supratentorial gliomas (ab), Tchang, Stanley; Terbrugge, Karel; Melancon, Denis; Belanger, Gary; Milner, Curt; Ethier, Romeo; Scotti, Giuseppe, **127:** 842, 1978
computerized tomography in the evaluation of pituitary adenomas (ab), Citrin, Charles M.; Davis, David O., **126:** 548, 1978
computerized tomography in the evaluation of head and neck lesions (ab), Thawley, Stanley E.; Gado, Mokhtar; Fuller, Thomas R., **129:** 848, 1978
computerized tomography in the management of intracranial bleeding in hemophilia (ab), Kinney, Thomas R.; Zimmerman, Robert A.; Butler, Regina B.; Gill, Frances M., **127:** 276, 1978
computerized transaxial tomography and cerebral serial scintigraphy in intracranial tumors—rates of detection and tumor-type identification: concise communication (ab), Buell, Udalrich; Niendorf, Hans P.; Kazner, Ekkehard; Lanksch, Wolfgang; Wilske, Jochen; Steinhoff, Harald; Gahr, Hannelore, **129:** 285, 1978
computer reconstructed sagittal and coronal computed tomography head scans: clinical applications (ab), Maravilla, Kenneth R., **129:** 272, 1978
computer tomographic and scintigraphic aspects of subdural hematomas (ab), Huber, G., **129:** 271, 1978
coronal and sagittal reconstruction in computerised tomography (ab), Boroff, R. D.; Pribram, H. F. W., **128:** 268, 1978
cranial chordomas (ab), Kendall, B. E.; Lee, B. C. P., **128:** 850, 1978
cranial computed tomography in diagnosis and management of acute head trauma, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Gennarelli, Thomas; Bruce, Derek; Dolinskas, Carol; Uzzell, Barbara, (AJR), **131:** 27, 1978
cranial CT appearance of acute multiple sclerosis (ab), Aita, John F.; Bennett, Donald R.; Anderson, Robert E.; Ziter, Fred, **129:** 559, 1978
CT detection and course of intracranial hemorrhage in premature infants, Rumack, Carol M.; McDonald, Marilyn M.; O'Meara, Owen P.; Sanders, Bob B.; Rudikoff, Jeffrey C., (AJR), **131:** 493, 1978
CT scanning and diagnosis of adrenoleukodystrophy (ab), Greenberg, Harry S.; Halverson, Dea; Lane, Barton, **128:** 270, 1978
decrease in ventricular and sulcal size after death, Sarwar, Mohammad; McCormick, William F., **127:** 409, 1978
descending tentorial herniation: findings on computed tomography (ab), Stovring, Jorgen, **128:** 850, 1978
detection of a cerebrospinal fluid fistula by computed tomography, Levy, Jonathan M.; Christensen, Fred K.; Nykamp, Paul W., (AJR), **131:** 344, 1978
diagnosis of ascending transtentorial herniation by cranial computed tomography, Osborn, Anne G.; Heaston, Dennis K.; Wing, S. Douglas, (AJR), **130:** 755, 1978
diagnosis of extracerebral fluid collections by computed tomography, Cornell, Steven H.; Chiu, Lee C.; Christie, James H., (AJR), **131:** 107, 1978
diagnosis of juvenile angiofibroma by computed tomography, Weinstein, Meredith A.; Levine, Howard; Duchesneau, Paul M.; Tucker, Harvey M., **126:** 703, 1978
diagnosis of subdural haematoma by computed axial tomography: use of xenon inhalation for contrast enhancement (ab), Zilkha, E.; Kendall, B. E.; Loh, L.; Hayward, R.; Radue, E. W.; Ingram, G. S., **129:** 557, 1978
direct sagittal computed tomographic scans of the face and paranasal sinuses, Osborn, Anne G.; Anderson, Robert E., **129:** 81, 1978
effective atomic number and electron density as measured with a computed tomography scanner: computation and correlation with brain tumor histology (ab), Latchaw, Richard E.; Payne, J. Thomas; Gold, Lawrence H. A., **129:** 271, 1978
efficacy of computed tomography of the head in changing patient care and health costs: retrospective study, Bahr, Albert Lee; Hodges, III, Fred J., (AJR), **131:** 45, 1978
enlarged cisternae magnae and posterior fossa cysts simulating Dandy–Walker syndrome on computed tomography, Archer, Carol R.; Darwish, Husem; Smith, Jr., Kenneth, **127:** 681, 1978
evaluation of ependymal and subependymal lesions by cranial computed tomography, Osborn, Anne G.; Daines, Jonathan H.; Wing, S. Douglas, **127:** 397, 1978
evaluation of the age of subdural hematomas by computerized tomography (ab), Scotti, Giuseppe; Terbrugge, Karel; Melancon, Denis; Belanger, Gary, **128:** 271, 1978
extra-axial posterior fossa lesions simulating intra-axial lesions on computed tomography, Miller, Edward M.; Newton, Thomas H., **127:** 675, 1978
failure of computerized tomography to differentiate between radiation necrosis and cerebral tumour (ab), Van Dellen, J. R.; Danziger, A., **128:** 849, 1978
false-negative computerized tomography in brain tumor (ab), Tentier, Robert L.; Palacios, Enrique, **126:** 548, 1978
fibrous dysplasia of the skull—roentgenologic, computer tomographic and scintigraphic study (ab), Vogelsand, H.; Stoppler, L.; Thiele, G., **128:** 851, 1978
glabella-inion line as a baseline for CT scanning of the brain (ab), Tokunaga, A.; Takase, M.; Otani, K., **128:** 560, 1978
grain in the stone: computer search for hidden CT patterns, Horton, Joseph A.; Kerber, Charles W., **129:** 427, 1978
impact of computed tomography on the care of patients with suspected hydrocephalus, Larson, Eric B.; Omenn, Gilbert S.; Magno, Joana, (AJR), **131:** 41, 1978
improved method for computed tomography of the base of the skull in head scanners that utilize a water bag (ab), Maravilla, Kenneth R.; Dowdey, J. E.; Moore, John, **128:** 269, 1978
incidence and evolution of subependymal and intraventricular hemorrhage: study of infants with birth weights less than 1,500 Gm (ab), Papile, Lu-Ann; Burstein, Jerome; Burstein, Rochelle; Koffler, Herbert, **129:** 557, 1978
interval computed tomography in multiple sclerosis, Weinstein, Meredith A.; Lederman, Richard J.; Rothner, A. David; Duchesneau, Paul M.; Norman, David, **129:** 689, 1978
intracanalicular meningioma with normal tomography: case report (ab), Susac, John O.; Martins, Albert N.; Whaley, Robert A., **126:** 831, 1978
intracranial biopsy assisted by computerized tomography (ab), Maroon, Joseph C.; Bank, William O.; Drayer, Burton P.; Rosenbaum, Arthur E., **127:** 843, 1978
intracranial tumors simulating the presentation of cerebrovascular syndromes: early detection with cerebral computed tomography (CCT) (ab), Weisberg, Leon A.; Nice, Charles M., **127:** 276, 1978
intracranial venous sinus thrombosis: diagnosis suggested by computed tomography, Wendling, Lyle R., (AJR), **130:** 978, 1978
intrauterine chronic subdural hematoma (ab), MacDonald, John T.; Weitz, Raphael; Sher, Phyllis K., **128:** 269, 1978
limitations of computed tomography for diagnostic neuroradiology (ab), Bradac, G. B.; Simon, R. S.; Grumme, T.; Schramm, J., **127:** 842, 1978
localization of vertex lesions seen on CT scan (ab), O'Leary, Daniel H.; Lavyne, Michael H., **129:** 559, 1978
malignant melanoma metastatic to the central nervous system, Enzmann, Dieter R.; Kramer, Richard; Norman, David; Pollock, James, **127:** 177, 1978
mega cisterna magna (ab), Adam, Rasheed; Greenberg, Jack O., **129:** 274, 1978
metrizamide ventriculography and computed tomography in lesions about the third ventricle, Strand, Roy D.; Baker, Richard A.; Ordia, Idahosa J.; Arkins, Thomas J., **128:** 405, 1978
neuroradiological manifestations of intracranial sarcoidosis, Bahr, Albert Lee; Krumholz, Allan; Kristt, Donald; Hodges, III, Fred J., **127:** 713, 1978
non-contrast CT scanning: limited value in suspected brain tumor, Butler, Alan R.; Kricheff, Irvin I., **126:** 689, 1978
normal computed tomography anatomy of the suprasellar subarachnoid space, Wiggli, Urs; Benz, Ulrich F., **128:** 65, 1978
oblique computed tomography for orbital mass lesions, Komaki, Senichiro; Baba, Hiromi; Matsuura, Keichi, **129:** 79, 1978
optimal contrast dosage in cranial computed tomography, Norman, David; Enzmann, Dieter R.; Newton, Thomas H., (AJR), **131:** 687, 1978
periventricular lucency in hydrocephalus on computerized tomography (ab), Mori, Koreaki; Murata, Takako; Nakano, Yoshihisa; Handa, Hajime, **127:** 276, 1978
primary tumors and other masses of the cerebellum and fourth ventricle: differential diagnosis by computed tomography (ab), Naidich, T. P.; Lin, J. P.; Leeds, N. E.; Pudlowski, R. M.; Naidich, J. B., **128:** 849, 1978
protocol for the use of contrast enhancement in cranial computed tomography, Latchaw, Richard E.; Gold, Lawrence H. A.; Tourje, E. James, **126:** 681, 1978
quantitative aspects of contrast enhancement in cranial computed tomography, Norman, David; Stevens, Edwin A.; Wing, S. Douglas; Levin, Victor; Newton, Thomas H., **129:** 683, 1978
radiation necrosis of the brain: correlation between computed tomography, pathology, and dose distribution (ab), Mikhael, Michael A., **128:** 287, 1978
recent cases of intracranial tuberculomas (ab), Mayers, Marguerite M.; Kaufman, David M.; Miller, Michael H., **129:** 558, 1978
relative detectability of intracranial calcifications on computed tomography and skull radiography (ab), Norman, David; Diamond, Charles; Boyd, Douglas, **128:** 269, 1978
resolving intracerebral hematoma: alteration of the "ring sign" with steroids, Laster, D. Wayne; Moody, Dixon M.; Ball, Marshall R., (AJR), **130:** 935, 1978
ROLE OF CT scanning in the diagnosis of acoustic neuromas (ab), Wortzman, George; Holgate, Richard C.; Sokjer, Hannibal; Noyek, Arnold M., **127:** 842, 1978
sequential computerized axial tomography in tuberculous meningitis (ab), Stevens, Dennis L.; Everett, E. Dale, **129:** 848, 1978
sign of subarachnoid bleeding on cranial computed tomograms of pediatric head trauma patients, Dolinskas, Carol A.; Zimmerman, Robert A.; Bilaniuk, Larissa T., **126:** 409, 1978
'silent' brain metastasis from lung carcinoma determined by computerized tomography (ab), Jacobs, Lawrence; Kindel, William R.; Vincent, Ronald G., **128:** 269, 1978
skull fractures, Tomsick, Thomas A.; Chambers, A. Alan; Lukin, Robert R., (SR), **13:** 27, 1978
spectrum of medulloblastomas demonstrated by computed tomography, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Pahlajani, Hiro, **126:** 137, 1978
standardized method for computed tomography of the orbits (ab), van Damme, W.; Kosmann, P.; Wackenheim, C., **127:** 559, 1978
steroids and apparent cerebral atrophy on computed tomography scans (ab), Bentson, John; Reza, Michael; Winter, James; Wilson, Gabriel, **128:** 268, 1978
study of the dose to the thyroid and the eye in computed tomography of the brain, Raeside, David E.; Anderson, David W.; Galloway, Dan C., **129:** 814, 1978
subdural hematomas due to ruptured cerebral aneurysms: angiographic diagnosis and potential pitfall for CT, Handel, Stanley F.; Perpetuo, Francisco O. L.; Handel, Carolyn H., (AJR), **130:** 507, 1978
subependymal and leptomeningeal spread of systemic malignant lymphoma demonstrated by cranial computed tomography (ab), Dubois, Philip J.; Martinez, A. Julio; Myerowitz, Richard L.; Rosenbaum, Arthur E., **129:** 272, 1978
superior ophthalmic vein at computed tomography (ab), Brismar, J.; Brismar, Gudrun; Davis, K. R., **126:** 832, 1978
tuberous sclerosis: comparison of computed tomography and conventional neuroradiology, Lee, Benjamin C. P.; Gawler, Jeffrey, **127:** 403, 1978
two projection computed tomography: axial and Towne projections, Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M., **128:** 512, 1978
use of computerized axial tomography of the head and neck region (ab), Gould, Leo V.; Cummings, Charles W.; Rabuzzi, Daniel D.; Reed, George T.; Chung, Chung T., **128:** 564, 1978
utilization of cost-effectiveness of cranial computed tomography at a university hospital (ab), Knaus, William A.; Davis, David O., **129:** 272, 1978

value of computed tomography in the evaluation of the enlarged head (ab), Kingsley, D.; Kendall, B. E., **129:** 851, 1978
value of computerized axial tomography (CAT) in cranio-cerebral malformations (ab), Kendall, B. E.; Kingsley, D., **129:** 271, 1978
ventricular opacification after intravascular injections of contrast material, Lee, Benjamin C. P.; Zimmer, Jerald, **128:** 647, 1978
vermian pseudotumor: potential pitfall of CT brain scanning with contrast enhancement (ab), Kramer, R. A., **127:** 842, 1978
vertex scan: important component of cranial computed tomography, Wing, S. Douglas; Osborn, Anne G.; Wing, Robert W., (AJR), **130:** 765, 1978
visualization of small extracanalicular neurolemomas by metrizamide cisternographic enhancement (ab), Rosenbaum, A. E.; Drayer, B. P.; Dubois, P. J.; Black, F. O., **129:** 851, 1978
white matter of the cerebellum demonstrated by computed tomography: normal anatomy and physical principles (ab), Maravilla, Kenneth R.; Pastel, Mary S.; Kirkpatrick, Joel B., **129:** 271, 1978
Computed tomography, heart
CT diagnosis of pericardial cysts, Pugatch, Robert D.; Braver, John H.; Robbins, Alan H.; Faling, L. Jack, (AJR), **131:** 515, 1978
detection of myocardial ischemia *in vitro* by computed tomography, Hessel, Samuel J.; Adams, Douglass F.; Judy, Philip F.; Fishbein, Michael C.; Abrams, Herbert L., **127:** 413, 1978
measurement of left ventricular cast volume by computed tomography, Lipton, Martin J.; Hayashi, Thomas T.; Boyd, Douglas; Carlsson, Erik, **127:** 419, 1978
Computed tomography, image processing
grain in the stone: computer search for hidden CT patterns, Horton, Joseph A.; Kerber, Charles W., **129:** 427, 1978
Computed tomography, indications
computed tomographic evaluation of disorders affecting the alimentary tract, Kressel, Herbert Y.; Callen, Peter W.; Montagne, Jean-Phillipe; Korobkin, Melvyn; Goldberg, Henry I.; Moss, Albert A.; Arger, Peter H.; Margulis, Alexander R., **129:** 451, 1978
computed tomography of subcapsular splenic hematoma: clinical and experimental studies, Korobkin, Melvyn; Moss, Albert A.; Callen, Peter W.; DeMartini, William J.; Kaiser, Jay A., **129:** 441, 1978
computed tomography of the lung, Rosenblum, Lawrence J.; Mauceri, Richard A.; Wellenstein, David E.; Bassano, Daniel A.; Cohen, William N.; Heitzman, E. Robert, **129:** 521, 1978
contribution of computed tomography to the treatment of lymphomas, Pilepich, M. V.; Rene, J. B.; Munzenrider, John E.; Carter, Barbara L., (AJR), **131:** 69, 1978
CT scanning and ultrasound in the evaluation of pancreatic pseudocysts: preliminary comparison, Kressel, Herbert Y.; Margulis, Alexander R.; Gooding, Gretchen W.; Filly, Roy A.; Moss, Albert A.; Korobkin, Melvyn, **126:** 153, 1978
emergency plain film radiology of the nontraumatized patient with altered consciousness, Moody, Dixon, M.; Laster, D. Wayne; Ball, Marshall R.; Crowe, James E.; McWhorter, Joe M., (RCNA), **16:** 49, 1978
mediastinal lipomatosis: CT confirmation of a normal variant, Homer, Marc J.; Wechsler, Richard J.; Carter, Barbara L., **128:** 657, 1978
value of computed tomography in radiotherapy of lung cancer, Emami, Bahman; Melo, Agustin; Carter, Barbara L.; Munzenrider, John E.; Piro, Anthony J., (AJR), **131:** 63, 1978
Computed tomography, instrumentation
emission computed tomography, Phelps, Michael E., (SNM), **7:** 337, 1977
general purpose digital display system for computed tomography images, Tully, Richard J.; McFarland, William D.; Lodwick, Gwilym S., **127:** 539, 1978
improved method for computed tomography of the base of the skull in head scanners that utilize a water bag (ab), Maravilla, Kenneth R.; Dowdey, J. E.; Moore, John, **128:** 269, 1978
level marker for whole-body computed tomography, Burney, Bryan T.; Klatte, Eugene C., **129:** 238, 1978
patient dosage in computed tomography, McCullough, Edwin C.; Payne, J. Thomas, **129:** 457, 1978
potentials of computed tomography in radiation therapy treatment planning, McCullough, Edwin C., **129:** 765, 1978
split-detector computed tomography: preliminary report, Brooks, Rodney A.; Di Chiro, Giovanni, **126:** 255, 1978
Computed tomography, interventional
interventional CT scanning, Haaga, John R.; Reich, Norbert E.; Havrilla, Thomas R.; Alfidi, Ralph J., (RCNA), **15:** 449, 1977
Computed tomography, kidneys
computed tomographic staging of bladder neoplasms, Seidelmann, Frank E.; Cohen, William N.; Bryan, Patrick J., (RCNA), **15:** 419, 1977
computed tomography diagnosis of renal angiomyolipoma, Hansen, Gail C.; Hoffman, Richard B.; Sample, W. Frederick; Becker, Ronald, **128:** 789, 1978
computed tomography in the diagnosis of renal masses, Magilner, Arthur D.; Ostrum, Bernard J., **126:** 715, 1978
computed tomography of renal abnormalities, Hattery, Robert R.; Williamson, Jr., Byrn; Stephens, David H.; Sheedy, II, Patrick F.; Hartman, Glen W., (RCNA), **15:** 401, 1977
computed tomography of the kidneys, Williamson, Jr., Byrn; Hattery, Robert R.; Stephens, David H.; Sheedy, II, Patrick F., (SR), **13:** 249, 1978
computer assisted tomography of normal suprarenal glands (ab), Brownlie, Ken; Kreel, Louis, **127:** 855, 1978
detection of inferior vena caval thrombosis with computed tomography, Steele, J. Richard; Sones, Peter J.; Heffner, Jr., L. T., **128:** 385, 1978
Computed tomography, knee
internal structures of the knee visualized by computed tomography (ab), Archer, Carol R.; Yeager, Vernon, **129:** 568, 1978
Computed tomography, larynx
computed tomography of the larynx, Mancuso, Anthony A.; Calcaterra, Thomas C.; Hanafee, William N., (RCNA), **16:** 195, 1978
Computed tomography, liver
computed tomography of the liver, Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G., (RCNA), **15:** 331, 1977
computed tomography of the liver, spleen, and pancreas, Kollins, Stephen A., (SR), **13:** 227, 1978
diagnostic accuracy of CT in circumscript liver disease, Scherer, Ulla; Rothe, Rainer; Eisenburg, Josef; Schildberg, Friedrich-Wilhelm; Meister, Peter; Lissner, Josef, (AJR), **130:** 711, 1978
evaluation of cholestatic jaundice by computed tomography (ab), DiGiacomo, Jr., P. J.; Laborda, O. E.; Stein, G. N.; Sheer, III, G. W.; Herrera, A. F., **128:** 567, 1978
Computed tomography, mediastinum
computed tomography of the anterior mediastinum in patients with myasthenia gravis and suspected thymoma, Mink, Jerrold H.; Bein, Marshall E.; Sukov, Richard; Herrmann, Jr., Christian; Winter, James; Sample, W. Frederick; Mulder, Donald, (AJR), **130:** 239, 1978
computed tomography of the mediastinum, Crowe, John K.; Brown, Larry R.; Muhm, John R., **128:** 75, 1978
mediastinal lipomatosis: CT confirmation of a normal variant, Homer, Marc J.; Wechsler, Richard J.; Carter, Barbara L., **128:** 657, 1978
radiologic analysis of the mediastinum utilizing computed tomography, Heitzman, E. Robert; Goldwin, Richard L.; Proto, Anthony V., (RCNA), **15:** 309, 1977
Computed tomography, muscles
computed tomography in the evaluation of musculoskeletal neoplasms, deSantos, Luis Alonso; Goldstein, Harvey M.; Murray, John A.; Wallace, Sidney, **128:** 89, 1978
Computed tomography, neck
computed tomography of the face and neck, Carter, Barbara L.; Karmody, Colin S., (SR), **13:** 257, 1978
computerized tomography in the evaluation of head and neck lesions (ab), Thawley, Stanley E.; Gado, Mokhtar; Fuller, Thomas R., **129:** 848, 1978
use of computerized axial tomography of the head and neck region (ab), Gould, Leo V.; Cummings, Charles W.; Rabuzzi, Daniel D.; Reed, George T.; Chung, Chung T., **128:** 564, 1978
Computed tomography, orbit
computed tomographic brain scanning in patients with lymphoma, Brant-Zawadzki, M.; Enzmann, Dieter R., **129:** 67, 1978
computed tomography in ocular neoplastic disease, Bernardino, Michael E.; Danziger, Julius; Young, Sue Ellen; Wallace, Sidney, (AJR), **131:** 111, 1978
computed tomography of intraorbital optic nerve gliomas in children, Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M., **129:** 73, 1978
computed tomography of orbital lesions: radiological study of 144 cases (ab), Gyldensted, C.; Lester, J.; Fledelius, H., **127:** 559, 1978
computed tomography of orbital lesions: cooperative study of 210 cases (ab), Wende, S.; Aulich, A.; Nover, A.; Lanksch, W.; Kazner, E.; Steinoff, H.; Meese, W.; Lange, S.; Grumme, T., **127:** 559, 1978
computed tomography of the orbit with special emphasis on coronal sections: part I. normal anatomy (ab), Tadmor, Rina; New, Paul F. J., **128:** 267, 1978
computed tomography of the orbit with special emphasis on coronal sections: part II. pathological anatomy (ab), Tadmor, Rina; New, Paul F. J., **128:** 268, 1978
computer assisted tomography of orbital lesions in Wegener's granulomatosis (ab), Vermess, Michael; Haynes, Barton F.; Fauci, Anthony S.; Wolff, Sheldon M., **128:** 268, 1978
oblique computed tomography for orbital mass lesions, Komaki, Senichiro; Baba, Hiromi; Matsuura, Keichi, **129:** 79, 1978
standardized method for computed tomography of the orbits (ab), van Damme, W.; Kosmann, P.; Wackenheim, C., **127:** 559, 1978
use of coronal scans for computed tomography of the orbits (ab), Baleriaux-Waha, D.; Mortelmans, L. L.; Dupont, M. G.; Terwinghe, G.; Jeanmart, L., **128:** 561, 1978
Computed tomography, pancreas
computed tomographic scanning of the pancreas, Haaga, John R.; Alfidi, Ralph J., (RCNA), **15:** 367, 1977
computed tomography in surgical pancreatic emergencies (ab), Pistolesi, G. F.; Marzoli, G. P.; Quarta Colosso, P.; Pederzoli, P.; Procacci, C., **129:** 563, 1978
computed tomography of the liver, spleen, and pancreas, Kollins, Stephen A., (SR), **13:** 227, 1978
computed tomography of the pancreas, Sheedy, II, Patrick F.; Stephens, David H.; Hattery, Robert R.; MacCarty, Robert L.; Williamson, Jr., Byrn, (RCNA), **15:** 349, 1977
computed tomography of the pancreas: negative contrast medium, Baldwin, G. Nicholas, **128:** 827, 1978
computerized tomography, diagnostic ultrasound, and radionuclide scanning: comparison of efficacy in diagnosis of pancreatic carcinoma (ab), Barkin, Jamie; Vining, Donald; Miale, Jr., August; Gottlieb, Stuart; Redhammer, Dorothy E.; Kalser, Martin H., **128:** 567, 1978
effect of Gastrografin and glucagon on CT scanning of the pancreas: blind clinical trial, Moss, Albert A.; Kressel, Herbert Y.; Korobkin, Melvyn; Goldberg, Henry I.; Rohlfing, Barbara M.; Brasch, Robert C., **126:** 711, 1978
localization of the head of the pancreas using the junction of the left renal vein and the inferior vena cava (ab), Kuhns, Lawrence R.; Borlaza, Gil S.; Seigel, Robert; Cho, Kyung J., **129:** 563, 1978
normal pancreas as seen on the computerized tomogram (ab), Haertel, M.; Kreel, L., **129:** 277, 1978
pancreatic cystadenocarcinoma: CT body scan and gray scale ultrasound appearance, Carroll, Barbara; Sample, W. Frederick, (AJR), **131:** 339, 1978
value of diagnostic aids in detecting pancreas carcinoma (ab), Fitzgerald, Patrick J.; Fortner, Joseph G.; Watson, Robin C.; Schwartz, Morton K.; Sherlock, Paul; Benua, Richard S.; Cubilla, Antonio L.; Schottenfeld, David; Miller, Daniel; Winawer, Sidney J., **128:** 567, 1978
Computed tomography, pediatric
computed body tomography in children: evaluation of 45 patients, Brasch, Robert C.; Korobkin, Melvyn; Gooding, Charles A., (AJR), **131:** 21, 1978
computed tomographic scanning in children: comparison of radiation dose and resolving power of commercial CT scanners, Brasch, Robert C.; Boyd, Douglas P.; Gooding, Charles A., (AJR), **131:** 95, 1978

computed tomography and ultrasound in the diagnosis and management of neuroblastoma, Berger, Paul E.; Kuhn, Jerald P.; Munschauer, Richard W., **128:** 663, 1978
computed tomography of intraorbital optic nerve gliomas in children, Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M., **129:** 73, 1978
computed tomography of pediatric head trauma: acute general cerebral swelling, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Bruce, Derek; Dolinskas, Carol; Obrist, Walter; Kuhl, David, **126:** 403, 1978
computed tomography of tumors of the musculoskeletal system in children: clinical applications, Berger, Paul E.; Kuhn, Jerald P., **127:** 171, 1978
computerized tomography in demyelinating disease of the young (ab), Robertson, Jr., William C.; Gomez, Manuel R.; Reese, David F.; Okazaki, Haruo, **128:** 280, 1978
incidence and evolution of subependymal and intraventricular hemorrhage: study of infants with birth weights less than 1,500 Gm (ab), Papile, Lu-Ann; Burstein, Jerome; Burstein, Rochelle; Koffler, Herbert, **129:** 557, 1978
pediatric metrizamide CT cisternography: cerebrospinal fluid circulation and hydrocephalus (ab), Drayer, Burton P.; Rosenbaum, Arthur E., **129:** 275, 1978
usefulness of computed tomography in pediatric neurology (ab), Gomez, M. R.; Reese, D. F., **127:** 559, 1978
ventricular opacification after intravascular injections of contrast material, Lee, Benjamin C. P.; Zimmer, Jerald, **128:** 647, 1978

Computed tomography, pelvis
accuracy of computed tomography in detecting intraabdominal and pelvic adenopathy in lymphoma, Lee, Joseph K. T.; Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G., (AJR), **131:** 311, 1978
accuracy of CT in detecting intraabdominal and pelvic lymph node metastases from pelvic cancers, Lee, Joseph K. T.; Stanley, Robert J.; Sagel, Stuart S.; McClennan, Bruce L., (AJR), **131:** 675, 1978
computed tomography of the pelvis, Levitt, Robert G.; Sagel, Stuart S.; Stanley, Robert J.; Evens, Ronald G., (SR), **13:** 193, 1978
computed tomography of the pelvis, Redman, Helen C., (RCNA), **15:** 441, 1977
isodense masses on CT: differentiation by gray scale ultrasonography, Bryan, Patrick J.; Dinn, W. Martin, (AJR), **129:** 989, 1977
radiologic soft tissue shadows in the pelvis: another look, Kalman, Matthew A., (AJR), **130:** 493, 1978

Computed tomography, physics
effective atomic number and electron density as measured with a computed tomography scanner: computation and correlation with brain tumor histology (ab), Latchaw, Richard E.; Payne, J. Thomas; Gold, Lawrence H. A., **129:** 271, 1978
emission computed tomography, Phelps, Michael E., (SNM), **7:** 337, 1977
film dosimetry system for use in computed tomography, Dixon, Robert L.; Ekstrand, Kenneth E., **127:** 255, 1978
physics of CT scanners: principles and problems (ab), Johns, H. E.; Battista, J.; Bronskill, M. J.; Brooks, R.; Fenster, A.; Yaffe, M., **129:** 282, 1978
simple buoyancy method for measuring computed tomography phantom material densities, Goldstein, Albert; Computed tomography, instrumentation, **128:** 814, 1978
split-detector computed tomography: preliminary report, Brooks, Rodney A.; Di Chiro, Giovanni, **126:** 255, 1978
standardization of computed tomography images by means of a material-selective beam hardening correction (ab), Ruegesegger, P.; Hangartner, Th.; Keller, H. U.; Hinderling, Th., **129:** 282, 1978

Computed tomography, pleura
computed tomography of the lung and pleura, Kreel, Louis, (SR), **13:** 213, 1978

Computed tomography, radiation dose
computed tomographic scanning in children: comparison of radiation dose and resolving power of commercial CT scanners, Brasch, Robert C.; Boyd, Douglas P.; Gooding, Charles A., (AJR), **131:** 95, 1978
patient dosage in computed tomography, McCullough, Edwin C.; Payne, J. Thomas, **129:** 457, 1978

Computed tomography, retroperitoneum
computed tomography of the retroperitoneum and abdominal wall, Carter, Barbara L.; Wechsler, Richard J., (SR), **13:** 201, 1978
computed tomography of the retroperitoneal space, Stephens, David H.; Williamson, Jr., Byrn; Sheedy, II, Patrick F.; Hattery, Robert R.; Miller, W. Eugene, (RCNA), **15:** 377, 1977

Computed tomography, spinal cord
computed tomography in the diagnosis of spinal cord astrocytoma (ab), Handel, Stanley; Grossman, Robert; Sarwar, Mohammed, **129:** 281, 1978

Computed tomography, spine
comparison of radiographic methods of diagnosing constrictive lesions of the spinal canal: Toshiba Unit vs. CT scanner (ab), Post, M. Judith Donovan; Gargano, Fredie P.; Vining, Donald Q.; Rosomoff, Hubert L., **129:** 854, 1978
computed tomographic evaluation of traumatic spinal injuries, Tadmor, Rina; Davis, Kenneth R.; Roberson, Glenn H.; New, Paul F. J.; Taveras, Juan M., **127:** 825, 1978
computed tomography in spinal dysraphism (ab), Wolpert, Samuel M.; Scott, R. Michael; Carter, Barbara L., **126:** 836, 1978
computed tomography of the spine and spinal cord, Lee, Benjamin C. P.; Kazam, Elias; Newman, Arnold D., **128:** 95, 1978
evaluation of calcium concentration in bones from CT scans, Bradley, J. G.; Huang, H. K.; Ledley, R. S., **128:** 103, 1978
traumatic narrowing of the dorsolumbar spinal canal demonstrated by computed tomography, Colley, David P.; Dunsker, Stewart B., **129:** 95, 1978

Computed tomography, spleen
computed tomography of subcapsular splenic hematoma: clinical and experimental studies, Korobkin, Melvyn; Moss, Albert A.; Callen, Peter W.; DeMartini, William J.; Kaiser, Jay A., **129:** 441, 1978
computed tomography of the liver, spleen, and pancreas, Kollins, Stephen A., (SR), **13:** 227, 1978
ultrasonic and computed tomographic appearance of splenic lobulations: consideration in the ultrasonic differential of masses adjacent to the left kidney, Gooding, Gretchen A. W., **126:** 719, 1978

Computed tomography, technique
computed tomography of acoustic neurinoma, Robbins, Barry; Marshall, Jr., William H., **128:** 367, 1978
computed tomography of the retroperitoneum and abdominal wall, Carter, Barbara L.; Wechsler, Richard J., (SR), **13:** 201, 1978
CT biopsy of abdominal tumors: aids for lesion localization, Ferrucci, Jr., Joseph T.; Wittenberg, Jack, **129:** 739, 1978
direct sagittal computed tomographic scans of the face and paranasal sinuses, Osborn, Anne G.; Anderson, Robert E., **129:** 81, 1978
external anatomic landmarks of the abdomen related to vertebral segments: applications in cross-sectional imaging, Kuhns, Lawrence R.; Borlaza, Gil S.; Seigel, Robert; Thornbury, John R., (AJR), **131:** 115, 1978
improved method for computed tomography of the base of the skull in head scanners that utilize a water bag (ab), Maravilla, Kenneth R.; Dowdey, J. E.; Moore, John, **128:** 269, 1978
interventional CT scanning, Haaga, John R.; Reich, Norbert E.; Havrilla, Thomas R.; Alfidi, Ralph J., (RCNA), **15:** 449, 1977
measurement of left ventricular cast volume by computed tomography, Lipton, Martin J.; Hayashi, Thomas T.; Boyd, Douglas; Carlsson, Erik, **127:** 419, 1978
oblique computed tomography for orbital mass lesions, Komaki, Senichiro; Baba, Hiromi; Matsuura, Keichi, **129:** 79, 1978
quantitative aspects of contrast enhancement in cranial computed tomography, Norman, David; Stevens, Edwin A.; Wing, S. Douglas; Levin, Victor; Newton, Thomas H., **129:** 683, 1978
scanning techniques in computed body tomography, Kirkpatrick, Robert H.; Wittenberg, Jack; Schaffer, Derace L.; Black, Edward B.; Hall, Deborah A.; Braitman, Barbara S.; Ferrucci, Jr., Joseph T., (AJR), **130:** 1069, 1978
two projection computed tomography: axial and Towne projections, Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M., **128:** 512, 1978
vertex scan: important component of cranial computed tomography, Wing, S. Douglas; Osborn, Anne G.; Wing, Robert W., (AJR), **130:** 765, 1978

Computed tomography, testes
correlation of computed tomography and serum tumor markers in metastatic retroperitoneal testicular tumor (ab), Javadpour, Nasser; Doppman, John L.; Bergman, Stuart M.; Anderson, Tom, **129:** 571, 1978

Computed tomography, therapeutic radiology
equivalent tissue-air ratio method for making absorbed dose calculations in a heterogeneous medium, Sontag, Marc R.; Cunningham, John R., **129:** 787, 1978

Computed tomography, thorax
absence of thoracic osteophytosis in the area adjacent to the aorta: computed tomography demonstration (ab), Goldberg, Ronald P.; Carter, Barbara L., **129:** 560, 1978
clinical efficacy of computed body tomography, Wittenberg, Jack; Fineberg, Harvey V.; Black, Edward B.; Kirkpatrick, Rob H.; Schaffer, Derace L.; Ikeda, Margaret K.; Ferrucci, Jr., Joseph T., (AJR), **131:** 5, 1978
comparison of computed and conventional whole lung tomography in detecting pulmonary nodules: prospective radiologic-pathologic study, Schaner, Everett G.; Chang, Alfred E.; Doppman, John L.; Conkle, David M.; Flye, M. Wayne; Rosenberg, Steven A., (AJR), **131:** 51, 1978
computed tomographic scanning in patients with lymphoma (ab), Jones, Stephen E.; Tobias, Donald A.; Waldman, Robert S., **128:** 571, 1978
computed tomography-guided biopsy. I. overview (ab), Haaga, John R.; Reich, Norbert E.; Havrilla, Thomas R.; Alfidi, Ralph J.; Meaney, Thomas F., **128:** 859, 1978
computed tomography of solitary pulmonary nodules: experience with scanning times longer than breath-holding (ab), Raptopoulos, Vassillios; Schellinger, Dieter; Katz, Sol, **127:** 849, 1978
computed tomography of the lung, Rosenblum, Lawrence J.; Mauceri, Richard A.; Wellenstein, David E.; Bassano, Daniel A.; Cohen, William N.; Heitzman, E. Robert, **129:** 521, 1978
computed tomography of the lung and pleura, Kreel, Louis, (SR), **13:** 213, 1978
computed tomography of the mediastinum, Crowe, John K.; Brown, Larry R.; Muhm, John R., **128:** 75, 1978
computed tomography of the pulmonary parenchyma and chest wall, Kollins, Stephen A., (RCNA), **15:** 297, 1977
computed tomography of the thorax, Jost, R. Gilbert; Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G., **126:** 125, 1978
myocardial imaging using emission computed tomography, Keyes, Jr., John W.; Leonard, Patrick F.; Svetkoff, Donald J.; Brody, Steven L.; Rogers, W. Leslie; Lucchesi, Benedict R., **127:** 809, 1978
observations on the medical efficacy of computed tomography of the chest and abdomen, Robbins, Alan H.; Pugatch, Robert D.; Gerzof, Stephen G.; Faling, Leendert J.; Johnson, Willard C.; Sewell, David H., (AJR), **131:** 15, 1978
radiologic analysis of the mediastinum utilizing computed tomography, Heitzman, E. Robert; Goldwin, Richard L.; Proto, Anthony V., (RCNA), **15:** 309, 1977
role of conventional tomography and computed tomography in assessing the resectability of primary lung cancer: preliminary report (ab), Shevland, John E.; Chiu, Lee C.; Schapiro, Rolf L.; Young, John A.; Rossi, Nicholas P., **128:** 852, 1978
transmural thoracic lipoma: demonstration by computed tomography, Faer, Michael J.; Burnam, Ronald E.; Beck, Charles L., (AJR), **130:** 161, 1978
value of computed tomography in radiotherapy of lung cancer, Emami, Bahman; Melo, Agustin; Carter, Barbara L.; Munzenrider, John E.; Piro, Anthony J., (AJR), **131:** 63, 1978

Computed tomography, treatment planning
potentials of computed tomography in radiation therapy treatment planning, McCullough, Edwin C., **129:** 765, 1978

Computed tomography, urinary tract
diagnosis of nonopaque calculi by computed tomography, Segal, Arthur J.; Spataro, Robert F.; Linke, Charles A.; Frank, Irwin N.; Rabinowitz, Ronald, **129:** 447, 1978

Computers
See also Computed tomography
application of the computer to rapid dynamic studies, Knowles, Lloyd G., (SNM), **8:** 147, 1978
automated data processing and radioassays, Samols, Ellis; Barrows, George H., (SNM), **8:** 163, 1978
computer-assisted three-dimensional treatment planning system, Reinstein, Lawrence E.; McShan, Daniel; Webber, Banice M.; Glicksman, Arvin S., **127:** 259, 1978

computer-controlled radiation therapy, Levene, Martin B.; Kijewski, Peter K.; Chin, Lee M.; Bjarngard, Bengt E.; Hellman, Samuel, **129:** 769, 1978
computers and quality control in nuclear medicine, Brookeman, Valerie A., (SNM), **8:** 113, 1978
computers in nuclear medicine: introductory concepts, Weber, David A., (SNM), **8:** 107, 1978
considerations about the use of computers in radiodiagnostic departments (bk rev), DuBoulay, G. H., ed., Reviewed by Dwyer, III, Samuel J.; Templeton, Arch W., **129:** 586, 1978
data management and radiotherapy, Ragan, Don P., **129:** 777, 1978
development of a method of evaluating cardiac performance using interactive computer graphics, Moore, Richard; Kim, Sung; Beranek, Ivo; Amplatz, Kurt, **127:** 529, 1978
display systems in nuclear medicine, Brill, A. B.; Erickson, J. J., (SNM), **8:** 155, 1978
edge enhancement of ECG-gated cardiac images using directional masks, Kan, Michael K.; Hopkins, G. Bruce, **127:** 525, 1978
efficient patient data entry system for a busy computer, Lee, Joseph M.-F.; Jones, Thomas K.; Khan, Faiz M.; Levitt, Seymour H., **126:** 818, 1978
gradient method of optimizing external-beam radiotherapy treatment plans, Cooper, R. E. M., **128:** 235, 1978
immediate pathologic confirmation of radiologic interpretations by computer feedback, Greenes, Robert A.; Bauman, Roger A.; Robboy, Stanley J.; Wieder, James F.; Mercier, Bettie A.; Altshuler, Barry S., **127:** 381, 1978
improvement of scintigrams by computer processing, Pizer, Stephen M.; Todd-Pokropek, Andrew E., (SNM), **8:** 125, 1978
multislice positron emission computed tomograph (PETT IV) yielding transverse and longitudinal images, Ter-Pogossian, Michel M.; Mullani, Nizar A.; Hood, John; Higgins, Carol S.; Currie, C. Michael, **128:** 477, 1978
on-line computer storage, retrieval, and reporting of coded angiographic data, Budkin, Alberto; Gosselin, Arthur J.; Stokes, Jr., Thomas J., **127:** 141, 1978
role of computers in radiation therapy: analysis of clinical radiotherapy data, Fischer, James J., **129:** 783, 1978

Condylomas acuminata
intraurethral condylomas acuminata: management and review of the literature (ab), Debenedictis, Thomas J.; Marmar, Joel L.; Praiss, Donald E., **127:** 283, 1978

Congenital malformation syndrome
See Bones, growth and development

Connective tissue, disease
mediastinal lymphadenopathy and undifferentiated connective tissue disease: case report and review, Gordonson, Jay; Quinn, Michael; Kaufman, Ronald; Van Den Tweel, Jan G., (AJR), **131:** 325, 1978

Contraceptives and contraceptive devices
angiographic and echographic findings in avascular focal nodular hyperplasia of liver, Whitley, Nancy O.; Cunningham, Jerome J., (AJR), **130:** 777, 1978
Budd-Chiari syndrome after taking oral contraceptives: case report and review of 14 reported cases (ab), Wu, Shuh-Min; Spurny, Otto M.; Klotz, Arthur P., **127:** 284, 1978
ischemic disease of the small bowel and colon associated with oral contraceptives (ab), Ghahremani, Gary G.; Meyers, Morton A.; Farman, Jack; Port, Ronald B., **127:** 566, 1978
sonographic demonstration of intrauterine contraceptive devices (ab), Watt, I.; Watt, E.; Halliwell, M.; Ross, F. G. M., **128:** 284, 1978
ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, Filly, Roy A.; Callen, Peter W., (RCNA), **16:** 159, 1978

Contrast media
ether-dissolved Ethiodol for lymphangiography: experimental study, Jonsson, K.; Anderson, J. H.; Osborne, B.; Wallace, S., (AJR), **129:** 1047, 1977
new contrast agent for oral cholecystography: iopronic acid (Oravue), Pizzolato, Nicholas F.; Arcomano, Joseph P.; Baum, Alan E., (AJR), **130:** 845, 1978
radiographic contrast agents (bk rev), Miller, Roscoe E.; Skucas, Jovitas, eds., Reviewed by Ferrara, Thomas P.; Clemett, Arthur R., **126:** 602, 1978
Tween 80/diatrizoate enemas in bowel obstruction, Wood, Beverly P.; Katzberg, Richard W., (AJR), **130:** 747, 1978

Contrast media, comparative studies
arthrography of the knee joint with Amipaque (ab), Johansen, J. G.; Killeas, F. G.; Nordshus, T., **128:** 279, 1978
choosing a contrast material for aortofemoral runoff angiography, Holder, John C.; Dalrymple, Glenn V., **128:** 787, 1978
clinical testing of Amipaque for cerebral angiography (ab), Amundsen, P.; Dugstad, G.; Slettebo, M., **129:** 845, 1978
comparison of arachnoiditis produced by meglumine iocarmate and metrizamide myelography in an animal model, Haughton, Victor M.; Ho, Khang-Cheng; Larson, Sanford J.; Unger, George F.; Correa-Paz, Francisco, (AJR), **131:** 129, 1978
computed tomography of the pancreas: negative contrast medium, Baldwin, G. Nicholas, **128:** 827, 1978
contrast agents for myelography: clinical and radiological evaluation of Amipaque and Pantopaque, Kieffer, Stephen A.; Binet, Eugene F.; Esguerra, Jorge V.; Hantman, Ronald P.; Gross, Cordell E., **129:** 695, 1978
contrast agents lower ventricular fibrillation threshold, Wolf, Gerald L.; Kraft, Linda; Kitzer, Karen, **129:** 215, 1978
development and evaluation of a new water-soluble iodinated myelographic contrast medium with markedly reduced convulsive effects, Hilal, Sadek K.; Dauth, George W.; Hess, Kenneth H.; Gilman, Sid, **126:** 417, 1978
effect of fasting on gallbladder opacification during oral cholecystography: controlled study in normal volunteers, Loeb, Peter M.; Berk, Robert N.; Janes, Jeff O.; Perkin, Leigh; Moore, John, **126:** 395, 1978
gas contrast radiography of ileal conduits, Kilcheski, Thomas S.; Pollack, Howard M., **129:** 242, 1978
metrizamide in angiography: I. femoral angiography (ab), Almen, T.; Boijsen, E.; Lindell, S. E., **127:** 278, 1978
risk factors in complications of aqueous myelography, Eldevik, O. Petter; Haughton, Victor M., **128:** 415, 1978
thecal deformity after lumbar myelography with iophendylate (Myodil) and meglumine iothalamate (Conray 280) (ab), Johnson, A. J.; Burrows, E. H., **129:** 281, 1978
ventricular fibrillation from diatrizoate with and without chelating agents, Violante, M. R.; Thomson, K. R.; Fischer, H. W.; Kenyon, T., **128:** 497, 1978

Contrast media, complications
complications of angiographic examinations, Sigstedt, B.; Lunderquist, A., (AJR), **130:** 455, 1978

Contrast media, effects
cecal perforation associated with Gastrografin enema, Seltzer, Steven E.; Jones, Bronwyn, (AJR), **130:** 997, 1978
changing pattern of spinal arachnoiditis (ab), Shaw, M. D. M.; Russell, J. A.; Grossart, K. W., **129:** 569, 1978
choosing a contrast material for aortofemoral runoff angiography, Holder, John C.; Dalrymple, Glenn V., **128:** 787, 1978
contrast agents lower ventricular fibrillation threshold, Wolf, Gerald L.; Kraft, Linda; Kitzer, Karen, **129:** 215, 1978
cytogenetic effects of contrast media and triiodobenzoic acid derivatives in human lymphocytes, Norman, Amos; Adams, Forrest H.; Riley, Richard F., **129:** 199, 1978
differential effects of sodium meglumine calcium metrizoate on the inotropic state of normal and ischemic myocardium, Als, Ann V.; Serur, Juan R.; LaRaia, Paul J.; Miner, Nancy C.; Paulin, Sven, **128:** 499, 1978
electrocardiographic response to intravenous urography: prospective evaluation of 275 patients, Stadalnik, Robert C.; Vera, Zakauddin; DaSilva, Olavo; Davies, Richard; Kraus, Jess F.; Mason, Dean T., (AJR), **129:** 825, 1977
exacerbation of diabetic renal failure following intravenous pyelography (ab), Harkonen, Scott; Kjellstrand, Carl M., **128:** 279, 1978
ghost infantile vertebrae and hemipelves within adult skeleton from thorotrast administration in childhood, Teplick, J. George; Head, Gordon L.; Kricun, Morrie E.; Haskin, Marvin E., **129:** 657, 1978
improved method of administering epinephrine in an emergency, King, Phillip E., **127:** 268, 1978
metrizamide epidurography in dogs, Kido, Daniel K.; Schoene, William; Baker, Richard A.; Rumbaugh, Calvin L., **128:** 119, 1978
reexamination of the deleterious effects of gastrointestinal contrast material on abdominal echography, Sarti, Dennis A.; Lazere, Andrew, **126:** 231, 1978
thecal deformity after lumbar myelography with iophendylate (Myodil) and meglumine iothalamate (Conray 280) (ab), Johnson, A. J.; Burrows, E. H., **129:** 281, 1978

Contrast media, toxicity
contrast medium reactions correlated with time of day, Cunningham, Jerome J., (AJR), **129:** 1039, 1977
development and evaluation of a new water-soluble iodinated myelographic contrast medium with markedly reduced convulsive effects, Hilal, Sadek K.; Dauth, George W.; Hess, Kenneth H.; Gilman, Sid, **126:** 417, 1978
diatrizoate enemas: facts and fallacies of colonic toxicity, Wood, Beverly P.; Katzberg, Richard W.; Ryan, Daniel H.; Karch, Fred E., **126:** 441, 1978
fetal uptake of an intravascular radiologic contrast medium (ab), Dean, P. B., **127:** 855, 1978
intraspinal arachnoiditis and hydrocephalus after lumbar myelography using methylglucamine iocarmate (ab), Jensen, T. Staehelin; Hein, O., **129:** 569, 1978
massive iopanoic acid (Telepaque) overdose without ill effects, Gelfand, David W.; Ott, David J.; Klein, Alan, (AJR), **130:** 1174, 1978
meglumine iodipamide (Cholografin) hepatotoxicity (ab), Sutherland, L. R.; Edwards, L. A.; Medline, A.; Wilkinson, R. W.; Cannon, J. J., **126:** 278, 1978
precipitation of water-soluble contrast material (Gastrografin) in the stomach in a case of outlet obstruction, Murtagh, F. Reed; Sanders, Marjorie B., **126:** 386, 1978
severe reactions to contrast material by three consecutive routes: intravenous, subcutaneous, and intraarterial, Cho, Kyung J.; Thornbury, John R., (AJR), **131:** 509, 1978
ventricular fibrillation from diatrizoate with and without chelating agents, Violante, M. R.; Thomson, K. R.; Fischer, H. W.; Kenyon, T., **128:** 497, 1978

Copper
skeletal changes of copper deficiency in infants receiving prolonged total parenteral nutrition (ab), Heller, Richard M.; Kirchner, Sandra G.; O'Neill, Jr., James A.; Hough, Jr., A. J.; Howard, Lyn; Kramer, Sandra Sue; Green, Harry L., **129:** 854, 1978

Copyright law
copyright policy (edit), Eyler, William R., **127:** 269, 1978

Coronary angiography
See also Angiocardiography
Mach bands in cine coronary arteriography, Randall, Patricia Ann, **129:** 65, 1978
special angulated projections in coronary arteriography: confusion in terminology (ab), Aldridge, H. E.; McLoughlin, M. J.; Taylor, K. W., **128:** 272, 1978
variation in measurement of coronary lesions on 35 and 70 mm angiograms, Myers, Martin G.; Shulman, Harry S.; Saibil, Eric A.; Naqvi, Salim Z., (AJR), **130:** 913, 1978

Coronary angiography, complications
effect upon coronary blood flow of coronary ostial intubation with an angiographic catheter (ab), Bassan, Mayer; Ganz, William; Marcus, Harold S., **126:** 277, 1978
ventricular fibrillation from diatrizoate with and without chelating agents, Violante, M. R.; Thomson, K. R.; Fischer, H. W.; Kenyon, T., **128:** 497, 1978

Coronary angiography, contrast media
contrast agents lower ventricular fibrillation threshold, Wolf, Gerald L.; Kraft, Linda; Kitzer, Karen, **129:** 215, 1978

Coronary angiography, indications
angiocardiographic differentiation of constrictive pericarditis and restrictive cardiomyopathy due to amyloidosis, Chang, Luke W. M.; Grollman, Jr., Julius H., (AJR), **130:** 451, 1978
myocardial perfusion imaging with thallium-201: correlation with coronary arteriography and electrocardiography (ab), Sternberg, Leonard; Wald, Robert W.; Feiglin, David H. I.; Morch, John E., **128:** 860, 1978
total occlusion of the left main coronary artery: clinical, hemodynamic and angiographic profile (ab), Goldberg, Sheldon; Grossman, William; Markis, John E.; Cohen, Michael V.; Baltaxe, Harold A.; Levin, David C., **127:** 851, 1978

Coronary angiography, technique
differential effects of sodium meglumine calcium metrizoate on the inotropic state of normal and ischemic myocardium, Als, Ann V.; Serur, Juan R.; LaRaia, Paul J.; Miner, Nancy C.; Paulin, Sven, **128:** 499, 1978
specifications of angulated projections in coronary arteriography (ab), Taylor, K. W.; McLoughlin, M. J.; Aldridge, H. E., **128:** 272, 1978
Coronary arteries
contrast echocardiographic findings in an infant with right coronary artery to right ventricular fistula, Brenner, Joel I.; Tompkins, Dorothy G., (AJR), **130:** 983, 1978
Coronary arteries, blood flow
effect upon coronary blood flow of coronary ostial intubation with an angiographic catheter (ab), Bassan, Mayer; Ganz, William; Marcus, Harold S., **126:** 277, 1978
Coronary arteries, diseases
angiography in the diagnosis of renal allograft dysfunction, Kelley, Michael J.; Huang, Edwin K.; Langou, Rene A., **129:** 1, 1978
chest film detection of coronary artery calcification. value of the CAC triangle, Souza, Jr., Arthur S.; Bream, Peter R.; Elliott, Larry P., **129:** 7, 1978
diagnosis of coronary artery disease with ^{201}Tl: computer analysis of myocardial perfusion images, Fletcher, James W.; Walter, Kenneth E.; Witztum, Kathryn F.; Daly, James L.; Herbig, Francis K.; Mueller, Hiltrud S.; Donati, Robert M., **128:** 423, 1978
echocardiographic diagnosis of left anterior descending coronary artery disease (ab), Joffe, C. David; Brik, Henry; Teichholz, Louis Evan; Herman, Michael V.; Gorlin, Richard, **126:** 282, 1978
false aneurysms of the left ventricle: identification of distinctive clinical, radiographic, and angiographic features, Higgins, Charles B.; Lipton, Martin J.; Johnson, Allen D.; Peterson, Kirk L.; Vieweg, W. V. R., **127:** 21, 1978
Coronary arteries, obstruction
total occlusion of the left main coronary artery: clinical, hemodynamic and angiographic profile (ab), Goldberg, Sheldon; Grossman, William; Markis, John E.; Cohen, Michael V.; Baltaxe, Harold A.; Levin, David C., **127:** 851, 1978
Coronary vessels
pulmonary steal syndrome: unusual case of coronary-bronchial pulmonary artery communication, Spindola-Franco, Hugo; Weisel, Arthur; Delman, Abner J., **126:** 25, 1978
Coronary vessels, abnormalities
coronary artery anomaly in double-outlet right ventricle, Udoff, Eric J.; Roland, Jean-Michel; White, Jr., Robert I., (AJR), **131:** 710, 1978
Coronary vessels, calcification
chest film detection of coronary artery calcification. value of the CAC triangle, Souza, Jr., Arthur S.; Bream, Peter R.; Elliott, Larry P., **129:** 7, 1978
idiopathic infantile arterial calcification in siblings: radiologic diagnosis and successful treatment (ab), Meradji, M.; de Villeneuve, V. H.; Huber, J.; de Bruijn, W. C.; Pearse, R. G., **129:** 562, 1978
Coronary vessels, diseases
correlation between intracoronary ^{201}Tl myocardial scanning, coronary angiography and left ventriculography, D'Souza, Vincent J.; Schwartz, Jeffrey S.; Amplatz, Kurt, **127:** 433, 1978
detection of myocardial ischemia *in vitro* by computed tomography, Hessel, Samuel J.; Adams, Douglass F.; Judy, Philip F.; Fishbein, Michael C.; Abrams, Herbert L., **127:** 413, 1978
Coronary vessels, occlusion
See Coronary vessels, stenosis
Coronary vessels, radionuclide studies
sensitivity and specificity of thallium-201 perfusion scintigrams under exercise in the diagnosis of coronary artery disease (ab), Verani, Mario S.; Marcus, Melvin L.; Razzak, Muhammad A.; Ehrhardt, James E., **129:** 574, 1978
technetium-labeled heparin: preliminary report of a new radiopharmaceutical with potential for imaging damaged coronary arteries and myocardium (ab), Kulkarni, Padmakar V.; Parkey, Robert W.; Buja, L. Maximilian; Wilson, III, James E.; Bonte, Frederick J.; Willerson, James T., **129:** 574, 1978
Coronary vessels, stenosis
coronary, ventricular, and pulmonary abnormalities associated with rupture of the interventricular septum complicating myocardial infarction, Miller, Stephen W.; Dinsmore, Robert E.; Greene, Reginald E.; Daggett, Willard M., (AJR), **131:** 571, 1978
experimental myocardial infarction in dogs with normal coronary arteries: angiographic resolution of coronary arterial emboli, Baumstark, Anthony E.; Levin, David C.; Fishbein, Michael C., **128:** 31, 1978
pitfalls of transhepatic portal venography and therapeutic coronary vein occlusion, Widrich, Warren C.; Robbins, Alan H.; Nabseth, Donald C.; Johnson, Willard C.; Goldstein, Susan A., (AJR), **131:** 637, 1978
sensitivity and specificity of thallium-201 perfusion scintigrams under exercise in the diagnosis of coronary artery disease (ab), Verani, Mario S.; Marcus, Melvin L.; Razzak, Muhammad A.; Ehrhardt, James E., **129:** 574, 1978
underfilled coronary artery: some pre- and post-operative observations on recipient arterial quality and left ventricular function after coronary artery surgery (ab), Partridge, John B.; Brandt, Peter W. T.; Whitlock, Ralph M. L., **129:** 562, 1978
Coronary vessels, surgery
underfilled coronary artery: some pre- and post-operative observations on recipient arterial quality and left ventricular function after coronary artery surgery (ab), Partridge, John B.; Brandt, Peter W. T.; Whitlock, Ralph M. L., **129:** 562, 1978
Corpus callosum
lipoma of the corpus callosum associated with a frontal bone defect, Kushnet, Marvin W.; Goldman, Richard L., (AJR), **131:** 517, 1978
Cor triatriatum
cor triatriatum: report of a case in a young adult with special reference to the echocardiographic features and etiology of the systolic murmur (ab), Ehrich, Dennis A.; Vieweg, W. V. R.; Alpert, J. S.; Folkerth, T. L.; Hagan, A. D., **127:** 570, 1978
echocardiographic features of cor triatriatum (ab), Canedo, Mario I.; Stefadouros, Miltiadis A.; Frank, Martin J.; Moore, H. Victor; Cundey, David W., **126:** 841, 1978
Craniopharyngioma
See Brain neoplasms
Craniosynostosis
See Bones, dysostoses; Skull, abnormalities
Crescent sign
See Hydronephrosis
Cri du chat syndrome
See Bones, chromosomal aberrations
Critical comments
See Editorials
Crohn disease
See Duodenum, diseases; Esophagus, diseases; Intestines, diseases; Stomach, diseases
Cromolyn sodium
cardiac tamponade and peripheral eosinophilia in a patient receiving cromolyn sodium (ab), Slater, Eve E., **129:** 283, 1978
Cruveilhier-Baumgarten syndrome
See Liver, cirrhosis
Cryptorchidism
See Testes, undescended
Cyclophosphamide
See Chemotherapy
Cystectomy
See Bladder, surgery
Cystic fibrosis
See Fibrosis, cystic
Cystitis
See Bladder, inflammation
Cystourethrography
See Bladder, radiography
Cysts
See under organs and regions, as Intestines; Liver; Mediastinum, etc.

D

Dandy-Walker syndrome
See Brain, abnormalities
Deafness
congenital deafness and spontaneous CSF otrorrhea (ab), Clark, Jack L.; DeSanto, Lawrence W.; Facer, George W., **129:** 850, 1978
seventy-six cases of presumed sudden hearing loss occurring in 1973: prognosis and incidence (ab), Byl, Frederick M., **127:** 560, 1978
Decision theory
dilemma of the solitary thyroid nodule: resolution through decision analysis, Sisson, James C.; Bartold, Stephen P.; Bartold, Shelley L., (SNM), **8:** 59, 1978
informal use of decision theory to improve radiological patient management, Fryback, Dennis G.; Thornbury, John R., **129:** 385, 1978
Delphi method
See Diagnostic radiology
Dementia
See also Mental diseases
computed tomography for Huntington's disease (ab), Terrence, C. F.; Delaney, J. F.; Alberts, M. C., **127:** 842, 1978
Dermatomyositis
dermatomyositis: vocal and swallowing disease entity (ab), Metheny, John A., **129:** 848, 1978
pneumatosis intestinalis associated with fatal childhood dermatomyositis (ab), Fischer, Thomas J.; Cipel, Louis; Stiehm, E. Richard, **128:** 280, 1978
Desferal
^{111}In desferal: new radiopharmaceutical for abscess detection, Chandra, Ramesh; Pierno, Carmine; Braunstein, Philip, **128:** 697, 1978
Design of radiological facilities
See Radiology and radiologists
Desmoid
See Fibroma
Dessauer, Friedrich
Friedrich Dessauer (ab), del Regato, J. A., **128:** 859, 1978
Detergents, toxicity
detergent enema: cause of caustic colitis (ab), Kirchner, S. G.; Buckspan, G. S.; O'Neill, J. A.; Page, D. L.; Burko, H., **127:** 852, 1978
Diabetes mellitus
diabetic cardiomyopathy: echocardiographic study of young diabetics (ab), Sanderson, J. E.; Brown, D. J.; Rivellese, A.; Kohner, E., **128:** 282, 1978
exacerbation of diabetic renal failure following intravenous pyelography (ab), Harkonen, Scott; Kjellstrand, Carl M., **128:** 279, 1978
pneumoarthropathy: unusual radiographic sign of Gram-negative septic arthritis, Meredith, Hubert C.; Rittenberg, Gerald M., **128:** 642, 1978
studies of retinal blood flow: II. diabetic retinopathy (ab), Cunha-Vaz, Jose G.; Fonseca, Joaquin R.; Abreu, Jose R. F.; Lima, Joao P., **129:** 848, 1978
Diagnostic radiology
See also Diagnostic radiology, radiation dose; Radiations, injurious effects; Radiography; Radiology and radiologists
complications in diagnostic radiology (bk rev), Ansell, George, ed., Reviewed by Davis, George D.; Houser, O. Wayne; MacCarty, Robert Lee; Miller, Walter E.; Stanson, Anthony W.; Tarhan, Sait, **127:** 60, 1978
considerations about the use of computers in radiodiagnostic departments (bk rev), DuBoulay, G. H., ed., Reviewed by Dwyer, III, Samuel J.; Templeton, Arch W., **129:** 586, 1978
diagnostic radiology: beyond mere technology (opin), Hessel, Samuel J.; Abrams, Herbert L., **129:** 249, 1978
effect of screen/film combinations on diagnostic certainty: Hi-Plus/RPL versus Lanex/Ortho G in excretory urography, Thornbury, John R.; Fryback, Dennis G.; Patterson, Fred E.; Chiavarini, Robert L., (AJR), **130:** 83, 1978
improving diagnostic accuracy: comparison of interactive and Delphi consultations (ab), Hillman, Bruce J.; Hessel, Samuel J.; Swensson, Richard G.; Herman, Peter G., **126:** 556, 1978
Diagnostic radiology, facilities
See Radiology and radiologists, design of radiological facilities
Diagnostic radiology, instrumentation
comparison of mammographic x-ray spectra, Fewell, Thomas R.; Shuping, Ralph E., **128:** 211, 1978
immediate pathologic confirmation of radiologic interpretations by computer feedback, Greenes, Robert A.; Bauman, Roger A.; Robboy, Stanley J.; Wieder, James F.; Mercier, Bettie A.; Altshuler, Barry S., **127:** 381, 1978
Diagnostic radiology, observer performance
effect of fatigue and alcohol on observer perception, Brogdon, Bryon G.; Kelsey, C. A.; Moseley, Robert D., (AJR), **130:** 971, 1978
improving performance by multiple interpretations of chest radiographs: effectiveness and cost, Hessel, Samuel J.; Herman, Peter G.; Swensson, Richard G., **127:** 589, 1978
informal use of decision theory to improve radiological patient management, Fryback, Dennis G.; Thornbury, John R., **129:** 385, 1978
interobserver variability in echocardiography (ab), Vignola, Paul A.; Bloch, Antoine;

Kaplan, Alan D.; Walker, Harriet J.; Chiotellis, Philip N.; Myers, Gordon S., **126:** 556, 1978
pattern discrimination in matching chest radiographs: including a role for logistic distribution of observer responses, Smith, Gerald R.; van Belle, Gerald; Loop, John W., **127:** 595, 1978
thyroid scintigraphy: pinhole images versus rectilinear scans, Sostre, Samuel; Ashare, Alan B.; Quinones, Jose D.; Schieve, Jane B.; Zimmerman, J. Milton, **129:** 759, 1978
variation in measurement of coronary lesions on 35 and 70 mm angiograms, Myers, Martin G.; Shulman, Harry S.; Saibil, Eric A.; Naqvi, Salim Z., (AJR), **130:** 913, 1978

Diagnostic radiology, protective and therapeutic agents and devices
adjustable lead glass shielding device for use with an over-the-table x-ray tube, Eubig, Casimir; Groves, Bertron M.; Davey, Graham, **129:** 816, 1978
effectiveness of glass lenses in reducing exposure to the eyes, Agarwal, Suresh K.; Friesen, Elroy J.; Huddleston, Alan L.; Rao, Ravindra P., **129:** 810, 1978
radiation protection of the lens for patients and users, Littleton, Jesse T.; Durizch, Mary Lou; Perry, Nelson, **129:** 795, 1978
simple eye protection shield for special procedures, Wendth, Arthur J.; Ryan, Robert M.; Jones, Robert, **129:** 818, 1978
value of conventional eyeglasses for x-ray protection, Ardran, Gordon M.; Crooks, Henry E., **129:** 815, 1978
x-ray attenuation by prescription lenses, Young, R. G.; Carlton, W. H., **129:** 811, 1978

Diagnostic radiology, quality assurance
quality assessment and assurance in diagnostic imaging: theoretical and practical considerations and a quality audit of the excretory urogram, Potsaid, Majic S.; Rhea, James T.; Llewellyn, Henry J.; Pfister, Richard C.; Newhouse, Jeffrey H.; Yoder, Isabel C., **127:** 583, 1978

Diagnostic radiology, radiation dose
adjustable lead glass shielding device for use with an over-the-table x-ray tube, Eubig, Casimir; Groves, Bertron M.; Davey, Graham, **129:** 816, 1978
comparison of mammographic x-ray spectra, Fewell, Thomas R.; Shuping, Ralph E., **128:** 211, 1978
dose to the metaphyseal growth complexes in children undergoing ^{99m}Tc-EHDP bone scans, Thomas, Stephen R.; Gelfand, Michael J.; Kereiakes, James G.; Ascoli, Frank A.; Maxon, Harry R.; Saenger, Eugene L.; Feller, Paul A.; Sodd, Vincent J.; Paras, Peter, **126:** 193, 1978
effectiveness of glass lenses in reducing exposure to the eyes, Agarwal, Suresh K.; Friesen, Elroy J.; Huddleston, Alan L.; Rao, Ravindra P., **129:** 810, 1978
estimation of breast doses and breast cancer risk associated with repeated fluoroscopic chest examinations of women with tuberculosis (ab), Boice, Jr., John D.; Rosenstein, Marvin; Trout, E. Dale, **128:** 272, 1978
eye dose measurements using conventional and rare-earth screens during tomography of the para-nasal sinuses (ab), Eddleston, B.; Moores, B. M.; Walker, A., **126:** 274, 1978
intensity of scattered radiation in mammography, Darnes, Gary T.; Brezovich, Ivan A., **126:** 243, 1978
postero-anterior radiography: method for reduction of eye dose, Rosenbaum, Arthur E.; Arnold, Ben A., **129:** 812, 1978
radiation dose in hysterosalpingography: modern 100mm fluorography *vs.* full-scale radiography, Seppanen, Seppo; Lehtinen, Eero; Holli, Heimo, **127:** 377, 1978
radiation protection of the lens for patients and users, Littleton, Jesse T.; Durizch, Mary Lou; Perry, Nelson, **129:** 795, 1978
reduction of patient exposure by use of heavy elements as radiation filters in diagnostic radiology, Villagran, Jorge E.; Hobbs, Barry B.; Taylor, Kenneth W., **127:** 249, 1978
selection of technique factors for mobile capacitor energy storage x-ray equipment, Weaver, Kenneth E.; Barone, Gregory J.; Fewell, Thomas R., **128:** 223, 1978
study of the dose to the thyroid and the eye in computed tomography of the brain, Raeside, David E.; Anderson, David W.; Galloway, Dan C., **129:** 814, 1978
value of conventional eyeglasses for x-ray protection, Ardran, Gordon M.; Crooks, Henry E., **129:** 815, 1978
variable aperture fluoroscopic unit for reduced patient exposure, Rossi, Raymond P.; Wesenberg, Richard L.; Hendee, William R., **129:** 799, 1978
x-ray attenuation by prescription lenses, Young, R. G.; Carlton, W. H., **129:** 811, 1978

Diagnostic radiology, radiation hazard
breast cancer in women after repeated fluoroscopic examinations of the chest (ab), Boice, Jr., John D.; Monson, Richard R., **126:** 287, 1978
diagnostic irradiation of women during the reproductive period (ab), Houston, C. Stuart, **127:** 282, 1978
genetic damage from diagnostic radiation (ab), Bross, Irwin D. J.; Natarajan, N., **126:** 287, 1978
on "conservative" estimates of radiation hazards (opin), Swartz, Harold M., **126:** 267, 1978

Diaphragm
computed tomographic evaluation of the diaphragmatic crura, Callen, Peter W.; Filly, Roy A.; Korobkin, Melvyn, **126:** 413, 1978
ventilation patterns mimicking COPD in patients with diaphragmatic pacing for Ondine's curse, Makhija, Mohanlal C.; Bronfman, Howard J.; Lange, Robert C.; Glenn, William L.; Gottshalk, Alexander, **129:** 111, 1978

Diaphragm, abnormalities
congenital partial eventration of the left diaphragm, Hesselink, John R.; Chung, Kyung J.; Peters, Mary E.; Crummy, Andrew B., (AJR), **131:** 417, 1978
supradiaphragmatic cyst following surgical repair of congenital diaphragmatic hernia, Karasick, Stephen; O'Hara, A. Edward; Karasick, David; Rangarathnam, Candadai S., **129:** 142, 1978

Diatrizoate
See Contrast media

Diethyl-acetanilido-iminodiacetate
technetium-99m-labelled diethyl-acetanilido-iminodiacetate: new hepatobiliary agent. preliminary report (ab), Tjen, H. S. L. M.; van der Pompe, W. B.; Cox, P. H., **128:** 861, 1978

Dimercaptosuccinic acid (DMSA)
normal ^{99m}Tc-DMSA renal image, Daly, Michael J.; Milutinovic, Jovan; Rudd, Thomas G.; Phillips, Leon A.; Fialkow, Philip J., **128:** 701, 1978
validity of ^{99m}Tc dimercaptosuccinic acid renal uptake for an assessment of individual kidney function (ab), Kawamura, Juichi; Hosokawa, Shinichi; Yoshida, Osamu; Fujita, Toru; Ishii, Yasushi; Torizuka, Kanji, **128:** 575, 1978

Diverticulitis
See Intestines, diverticula

Dosimetry
dosimetry techniques for fast neutrons (ab), Bewley, D. K., **129:** 288, 1978
evolution of dosage schedules at the fast neutron therapy facilities in the United States (ab), Hussey, David H.; Parker, Robert G.; Rogers, Charles C., **129:** 288, 1978
25 MV x-ray beam characteristics from a 35 MeV linear accelerator (ab), Purdy, James A.; Keys, David J.; Abrath, Fred G., **129:** 286, 1978
systematic patient-dose errors for 4- and 10-MeV microwave linear accelerators associated with rectangular collimator settings, Moyer, Robert F., **129:** 803, 1978
treatment planning for neutron radiation therapy (ab), Wootton, P.; Weaver, K.; Eenmaa, J., **129:** 288, 1978

Dosimetry, therapeutic
See Therapeutic radiology, dosimetry

Down syndrome
See Mongolism

Doxorubicin (Adriamycin)
doxorubicin cardiomyopathy: evaluation by phonocardiography, endomyocardial biopsy, and cardiac catheterization (ab), Bristow, Michael R.; Mason, Jay W.; Billingham, Margaret E.; Daniels, John R., **128:** 853, 1978

Drowning
sand aspiration in drowning and near drowning, Bonilla-Santiago, Jaime; Fill, William L., **128:** 301, 1978

Drugs
See also under specific drugs
drug-induced pulmonary disease (ab), Rosenow, III, Edward C., **127:** 561, 1978

Drugs, abuse
absence of cerebral atrophy in chronic cannabis users: evaluation by computerized transaxial tomography (ab), Co, Ben T.; Goodwin, Donald W.; Gado, Mokhtar; Mikhael, Michael; Hill, Shirley Y., **126:** 548, 1978
computed tomographic examination of heavy marijuana smokers (ab), Kuehnie, John; Mendelson, Jack H.; Davis, Kenneth R.; New, Paul F. J., **127:** 559, 1978
echocardiographic observations in opiate addicts with active infective endocarditis: frequency of involvement of the various valves and comparison of echocardiographic features of right- and left-sided cardiac valve endocarditis (ab), Andy, Joseph J.; Sheikh, Mazhar U.; Ali, Nayab; Barnes, Boisey O.; Fox, Lay M.; Curry, Charles L.; Roberts, William C., **126:** 283, 1978
spinal cord compression due to pseudomonas in a heroin addict (ab), Jabbari, Bahman; Pierce, James F., **128:** 277, 1978

Drugs, effects
shortness of breath in emergency room patients, Scanlon, Gerald T., (RCNA), **16:** 113, 1978

Drugs, toxicity
diagnostic significance of gallium lung uptake in patients with normal chest radiographs, MacMahon, Heber; Bekerman, Carlos, **127:** 189, 1978

Ductus arteriosus
chest film diagnosis of patent ductus arteriosus in infants with hyaline membrane disease, Burney, B.; Smith, W. L.; Franken, Jr., Emanuel A.; Smith, J. A.; Klatte, Eugene C., (AJR), **130:** 1149, 1978
differential shunting in the diagnosis of patent ductus arteriosus with Eisenmenger physiology by radionuclide angiography, Thomas, John L.; Scherer, James; Kahl, Frederick R.; Watson, Nat; Cowan, Robert, **127:** 733, 1978
new serial contrast technique for assessment of left to right shunting patent ductus arteriosus in the neonate (ab), Allen, Hugh D.; Sahn, David J.; Goldberg, Stanley J., **128:** 281, 1978
persistent ductus arteriosus complicating the respiratory distress syndrome (ab), Jones, R. W. A.; Pickering, D., **126:** 550, 1978

Duodenography
See Duodenum, radiography

Duodenum
See also Gastrointestinal tract; Intestines; Peptic ulcer; Vater's papilla

Duodenum, abnormalities
combined esophageal and duodenal atresia without tracheoesophageal fistula: characteristic radiographic changes, Crowe, James E.; Sumner, Thomas E., (AJR), **130:** 167, 1978
duodenal atresia diagnosed by ultrasound, Boychuk, Rodney B.; Lyons, Edward A.; Goodhand, Thomas K., **127:** 500, 1978
esophageal atresia, duodenal atresia, and gastric distention: report of two cases, McCook, Thomas A.; Felman, Alvin H., (AJR), **131:** 167, 1978
sonographic appearance of duodenal atresia in utero, Lees, Richard F.; Alford, Bennett A.; Brenbridge, A. Norman A. G.; Buschi, Anthony J.; Williamson, Brian R. J., (AJR), **131:** 701, 1978

Duodenum, air in
air in gallbladder: frequent finding in gallstone ileus, Balthazar, E. J.; Schechter, Lawrence S., (AJR), **131:** 219, 1978

Duodenum, atresia
See Duodenum, abnormalities

Duodenum, diseases
duodenal tuberculosis, Black, Gerald A.; Carsky, Edward W., (AJR), **131:** 329, 1978

Duodenum, diverticula
See Intestines, diverticula

Duodenum, intubation
easy method for passing an intestinal intubation tube under fluoroscopic guidance, Gelfand, David W., **129:** 532, 1978

Duodenum, obstruction
cast syndrome—vascular obstruction of the duodenum (ab), Van Meerdervoort, H. F. Pompe, **128:** 571, 1978

Duodenum, radiography
dose response to intramuscular glucagon during hypotonic radiography, Miller, Roscoe E.; Chernish, Stanley M.; Brunelle, Rocco L.; Rosenak, Bernard D., **127:** 49, 1978
double-blind radiographic study of dose response to intravenous glucagon for hypotonic duodenography, Miller, Roscoe E.; Chernish, Stanley M.; Brunelle, Rocco L.; Rosenak, Bernard D., **127:** 55, 1978
hyoscine-n-butylbromide (Buscopan) as a duodenal relaxant in tubeless duodenography (ab), Ayre-Smith, G., **126:** 553, 1978

Duodenum, ulcers
See Peptic ulcer

Duodenum, ultrasound studies
sonographic appearance of duodenal atresia in utero, Lees, Richard F.; Alford, Bennett A.;

Brenbridge, A. Norman A. G.; Buschi, Anthony J.; Williamson, Brian R. J., (AJR), **131:** 701, 1978
Dura mater
See Meninges
Du Sault, Lucille Ann
(obit), **129:** 837, 1978
Dwarfs
See Bones, osteochondrodysplasias
Dysgerminoma
dysgerminoma presenting as a calcified abdominal mass with hypercalcemia (ab), Nelken, Robert P.; Nieburg, Phillip I.; Bergstrom, William H.; Richman, Robert A., **129:** 857, 1978
Dysosteosclerosis
See Bones, osteochondrodysplasias; Bones, sclerosis
Dysproteinemia
idiopathic periosteal hyperostosis with dysproteinemia (ab), Kosche, F., **127:** 568, 1978
Dystrophy, muscular
myotonic dystrophy (Steinert's disease) in the neonate, Chassevent, Jacques; Sauvegrain, Jacques; Besson-Leaud, Marc; Kalifa, Gabriel, **127:** 747, 1978

E

Ear
bilateral internal auditory canal enlargement due to dural ectasia in neurofibromatosis, Sarwar, Mohammad; Swischuk, Leonard E., (AJR), **129:** 935, 1977
Mondini defect: a variant, Som, Peter M.; Khilnani, Mansho T.; Beranbaum, Samuel L.; Wolf, Bernard S., (AJR), **129:** 1120, 1977
narrowing of the airway in relapsing polychondritis, Kilman, William J., **126:** 373, 1978
recurrent meningitis secondary to idiopathic oval window CSF leak (ab), Parisier, Simon C.; Birken, Eric A., **126:** 281, 1978
Ear, abnormalities
management of congenital ear abnormalities (ab), Pulec, Jack L.; Freedman, Harvey M., **129:** 850, 1978
Ear, neoplasms
computed cranial tomography in the investigation of acoustic neurilemmomas (ab), Dubois, Philip J.; Drayer, Burton P.; Boehnke, Manfred; Rosenbaum, Arthur E., **126:** 547, 1978
critical comparison of neurosurgical and otolaryngological approaches to acoustic neuromas (ab), DiTullio, Jr., Michael V.; Malkasian, Dennis; Rand, Robert W., **129:** 275, 1978
glandular tumors of the external auditory canal (ab), Pulec, Jack L., **128:** 562, 1978
metastatic disease of the temporal bone (ab), Stucker, Fred J.; Holmes, William F., **126:** 273, 1978
role of CT scanning in the diagnosis of acoustic neuromas (ab), Wortzman, George; Holgate, Richard C.; Sokjer, Hannibal; Noyek, Arnold M., **127:** 842, 1978
treatment of carcinoma of the middle ear, Sinha, Purendra Prasad; Ibn Aziz, Hasan, **126:** 485, 1978
Ear, radiography
incudostapedial joint in health and disease, Matsubara, Rodney; Konrad, Horst; Hanafee, William N., (AJR), **131:** 307, 1978
Ears, abnormalities
congenital deformities of the middle and external ear (ab), Phelps, P. D.; Lloyd, G. A. S.; Sheldon, P. W. E., **128:** 851, 1978
Ear, surgery
critical comparison of neurosurgical and otolaryngological approaches to acoustic neuromas (ab), DiTullio, Jr., Michael V.; Malkasian, Dennis; Rand, Robert W., **129:** 275, 1978
management of congenital ear abnormalities (ab), Pulec, Jack L.; Freedman, Harvey M., **129:** 850, 1978
Ear, tomography
effects of the film/screen combination on tomographic image quality, Cohen, Gerald; Barnes, James O.; Pena, Pedro M., **129:** 515, 1978
giant air cells of the petrous apex: tomographic features, Dubois, Philip J.; Roub, Leslie W., **129:** 103, 1978
Ebstein anomaly
See Tricuspid valve
Echinococcosis, pulmonary
roentgenologic changes in pulmonary echinococcosis (ab), Vessal, K.; Rezvani, L.; Farpour, A.; Dutz, W.; Robertson, H., **126:** 834, 1978
Echocardiography
See Heart, ultrasound studies
Economics, medical
improving performance by multiple interpretations of chest radiographs: effectiveness and cost, Hessel, Samuel J.; Herman, Peter G.; Swensson, Richard G., **127:** 589, 1978
medical malpractice insurance. part I: consideration of some of the factors (opin), James, Jr., A. Everette, **128:** 837, 1978
medical malpractice insurance: part II: some proposed solutions (opin), James, Jr., A. Everette, **129:** 245, 1978
medical malpractice law, 2nd ed (bk rev), Holder, Angela Roddey, Reviewed by Collins, Vincent P., **129:** 248, 1978
Editorials
See also Opinions
change and cooperation, Gwinn, John L., **128:** 253, 1978
copyright policy, Eyler, William R., **127:** 269, 1978
enroll early for the 1978 refresher course program, Campbell, Robert E., **128:** 523, 1978
film interpretation session, Dodd, Gerald D.; Capitanio, Marie A.; Farman, Jack; Kaye, Jeremy J.; Putman, Charles E., **129:** 253, 1978
film interpretation session: summary of discussion and diagnoses, Dodd, Gerald D.; Capitanio, Marie A.; Farman, Jack; Kaye, Jeremy J.; Putman, Charles E., **129:** 825, 1978
Henry P. Pendergrass, A.B., M.P.H., M.D., president, Radiological Society of North America, Wyman, Stanley M., **126:** 531, 1978
International Commission on Radiological Protection: 1978 Stockholm meeting, Sowby, F. David, **129:** 533, 1978
international system of units (SI), Wyckoff, Harold O., **128:** 833, 1978
invitation to the 64th scientific assembly and annual meeting, Pendergrass, Henry P., **128:** 517, 1978
nonspecificity of some radiological signs in excretory urography, Older, Robert A.; Cleeve, Damien M.; McLelland, Robert, **127:** 553, 1978
note of thanks, Pendergrass, Henry P.; Eyler, William R., **129:** 833, 1978
preliminary program, **129:** 253, 1978
Radiological Society of North America, 64th scientific assembly and annual meeting, **128:** 524, 1978
report, Eyler, William R., **126:** 533, 1978
report from the International Commission on Radiation Units and Measurements, Wyckoff, Harold O., **127:** 549, 1978
review of manuscripts submitted to *Radiology*, Eyler, William R., **126:** 823, 1978
technical exhibits, **129:** 545, 1978
Elbow, dislocation
fractures and dislocations of the elbow, Rogers, Lee F., (SR), **13:** 97, 1978
Elbow, fracture
fractures and dislocations of the elbow, Rogers, Lee F., (SR), **13:** 97, 1978
Elbow, injuries
lipohemarthrosis of the elbow joint, Yousefzadeh, David K.; Jackson, Jr., Joseph H., **128:** 643, 1978
plastic bowing, torus and greenstick supracondylar fractures of the humerus: radiographic clues to obscure fractures of the elbow in children, Rogers, Lee F.; Malave, Jr., Salvador; White, Harvey; Tachdjian, Mihran O., **128:** 145, 1978
Elbow, prostheses
total replacement of the elbow joint (ab), Bryan, Richard S., **127:** 568, 1978
Elbow, radiography
lipohemarthrosis of the elbow joint, Yousefzadeh, David K.; Jackson, Jr., Joseph H., **128:** 643, 1978
Electrocoagulation
See Arteries, therapeutic blockade
Electrons
effect of air space on depth dose in electron beam therapy, Khan, Faiz M.; Sewchand, Wilfred; Levitt, Seymour H., **126:** 249, 1978
electron beam calibration constants, Lane, Richard G.; Lake, David, **126:** 259, 1978
electron-beam radiographs, Keller, Bowen E., **128:** 830, 1978
method for rapid determination of the energy of electron beams from medical linear accelerators, Bell, John H.; Waggener, Robert G., **126:** 787, 1978
Embolism
See also Thrombosis
arterial embolization of malignant tumor: report of two cases with angiographic findings, Stanley, Philip; Eto, Ross T., **126:** 93, 1978
peripheral arterial embolism of multiple pellets after shotgun injury to an extremity, Guest, James A.; Malangoni, Mark A.; Holden, Robert W.; Yaw, Peter B., (AJR), **129:** 933, 1977
Embolism, air
systemic air embolism secondary to respiratory therapy in the neonate: six cases including one survivor, Kogutt, Marvin S., (AJR), **131:** 425, 1978
Embolism, coronary
experimental myocardial infarction in dogs with normal coronary arteries: angiographic resolution of coronary arterial emboli, Baumstark, Anthony E.; Levin, David C.; Fishbein, Michael C., **128:** 31, 1978
Embolism, foreign body
foreign body embolism of retinal arteries as a complication of carotid angiography (ab), Nehen, A.-M.; Damgaard-Jensen, L.; Hansen, P. E., **129:** 848, 1978
Embolism, pulmonary
clinical course of patients with suspected pulmonary embolism and a negative pulmonary arteriogram, Novelline, Robert A.; Baltarowich, Oksana H.; Athanasoulis, Christos A.; Waltman, Arthur C.; Greenfield, Alan J.; McKusick, Kenneth A., **126:** 561, 1978
detection of inferior vena caval thrombosis with computed tomography, Steele, J. Richard; Sones, Peter J.; Heffner, Jr., L. T., **128:** 385, 1978
diagnosis of pneumothorax by ventilation-perfusion imaging, Dhekne, Ramesh D.; Burdine, John A., **129:** 119, 1978
echocardiographic findings in severe paradoxical pulse due to pulmonary embolization (ab), Winer, Howard; Kronzon, Itzhak; Glassman, Ephraim, **127:** 285, 1978
nonfatal pulmonary air embolism: radiographic demonstration, Faer, Michael J.; Messerschmidt, Gerald L., (AJR), **131:** 705, 1978
pulmonary angiography for pulmonary emboli: rational selection of oblique views, Gomes, A. S.; Grollman, Jr., J. H.; Mink, J., (AJR), **129:** 1019, 1977
pulmonary embolism in respiratory failure (ab), Neuhaus, Aron; Bentz, Rodney R.; Weg, John G., **128:** 564, 1978
radiographic features of pleural effusions in pulmonary embolism (ab), Bynum, Lincoln J.; Wilson, III, James E., **129:** 562, 1978
treatment of massive hemoptysis by combined occlusion of pulmonary and bronchial arteries (ab), Bredin, Charles P.; Richardson, Paul R.; King, Thomas K. C.; Sniderman, Kenneth W.; Sos, Thomas A.; Smith, James P., **129:** 562, 1978
ventilation-perfusion lung imaging and selective pulmonary angiography in dogs with experimental pulmonary embolism (ab), Alderson, P. O.; Doppman, John L.; Diamond, S. S.; Mendenhall, K. G.; Barron, E. L.; Girton, Mary, **128:** 286, 1978
Embolism, radionuclide localization
new technique for localization of therapeutic emboli using radionuclide labeling, Conroy, Robert M.; Lyons, Kenneth P.; Kuperus, John H.; Juler, George L.; Joy, Ikonija; Pribram, H. F. W., (AJR), **130:** 523, 1978
Embolism, therapeutic
carcinoid syndrome treated by hepatic embolization, Pueyo, I.; Jimenez, J. R.; Hernandez, J.; Brugarolas, A.; Garcia-Moran, M.; Garcia-Muniz, J. L.; Arroyo, F., (AJR), **131:** 511, 1978
catheter embolization of renal artery—alternative to preoperative radiotherapy of kidney tumors? (ab), Habighorst, L. V.; Kreutz, W.; Eilers, H.; Sparwasser, H. H.; Klug, B., **128:** 287, 1978
chronic vascular reactions to steel coil occlusion devices, Barth, Klemens H.; Strandberg, John D.; Kaufman, Stephen L.; White, Jr., Robert I., (AJR), **131:** 455, 1978
clinical use of transcatheter electrocoagulation, Miller, Michael D.; Johnsrude, Irwin S.; Limberakis, Anthony J.; Jackson, Donald C.; Pizzo, Salvatore; Thompson, William M., **129:** 211, 1978
control of a traumatic vertebral arteriovenous fistula by a modified Gianturco coil embolus system, Rossi, Plinio; Passariello, Roberto; Simonetti, Giovanni, (AJR), **131:** 331, 1978
cyanoacrylates in transcatheter renal embolization (ab), Carmignani, G.; Belgrano, E.; Puppo, P.; Giuliani, L., **129:** 855, 1978
experimental internal iliac artery embolization: evaluation of low viscosity silicone rubber, isobutyl 2-cyanoacrylate,

and carbon microspheres, Miller, Jr., Franklin J.; Rankin, Ronald S.; Gliedman, Jeffrey B.; Nakashima, Edwin, **129:** 51, 1978
experimental observations on short and long-term effects of arterial occlusion with Ivalon, Castaneda-Zuniga, Wilfrido R.; Sanchez, Ramon; Amplatz, Kurt, **126:** 783, 1978
failure of steel coil occlusion in a case of hypernephroma, Jhaveri, Harish S.; Gerlock, Jr., A. James; Ekelund, Leif, (AJR), **130:** 556, 1978
Gelfoam embolization of the kidneys for treatment of malignant hypertension, Adler, Jonathan; Einhorn, Robert; McCarthy, Joseph; Goodman, Alvin; Solangi, Karim; Varanasi, Umanaheswara; Thelmo, William, **128:** 45, 1978
hemobilia: treatment by arterial embolization (ab), Roche, A.; Doyon, D.; Harry, G.; Benozio, M., **129:** 278, 1978
intraarterial cyanoacrylate: adjunct in the treatment of spinal/paraspinal arteriovenous malformations, Kerber, C. W.; Cromwell, L. D.; Sheptak, P. E., (AJR), **130:** 99, 1978
isobutyl 2-cyanoacrylate (bucrylate) in obliteration of gastric coronary vein and esophageal varices, Lunderquist, Anders; Borjesson, Bengt; Owman, Torben; Bengmark, Stig, (AJR), **130:** 1, 1978
labelled Gelfoam in transcatheter arterial embolization of renal cell carcinoma, Tada, Shimpei; Sekiya, Tohru; Kino, Masao; Shintani, Yoichiro; Harada, Junta; Nanjoh, Mitsuo; Machida, Toyohei; Masuda, Fujio; Miki, Makoto; Shoji, Ryo, **128:** 825, 1978
multiple aneurysm formation as a complication of interventive angiography, Balsys, Raymond; Cross, Robert, **126:** 91, 1978
new technique for localization of therapeutic emboli using radionuclide labeling, Conroy, Robert M.; Lyons, Kenneth P.; Kuperus, John H.; Juler, George L.; Joy, Ikonija; Pribram, H. F. W., (AJR), **130:** 523, 1978
non-neoplastic congenital and acquired renal arteriovenous malformations and fistulas, Cho, Kyung J.; Stanley, James C., **129:** 333, 1978
nonsurgical splenectomy, Castaneda-Zuniga, W. R.; Hammerschmidt, Dale E.; Sanchez, Ramon; Amplatz, Kurt, (AJR), **129:** 805, 1977
partial embolization of large peripheral hemangioma for pain control, Mitty, Harold A.; Kleiger, Barnard, **127:** 671, 1978
percutaneous transhepatic obliteration of gastroesophageal varices: some technical aspects, Keller, Frederick S.; Dotter, Charles T.; Rosch, Josef, **129:** 327, 1978
pitfalls in the angiographic management of hemorrhage: hemodynamic considerations, Ring, Ernest J.; Oleaga, Juan A.; Freiman, David; Husted, James W.; Waltman, Jr., Arthur C.; Baum, Stanley, (AJR), **129:** 1007, 1977
proximal versus peripheral hepatic artery embolization: experimental study in monkeys, Doppman, John L.; Girton, Mary; Kahn, E. Ronald, **128:** 577, 1978
selective arterial embolisation in the management of post operative renal hemorrhage (ab), Lea Thomas, M.; Lamb, G. H. R., **127:** 283, 1978
selective transcatheter embolization of the upper gastrointestinal tract: experimental study, Castaneda-Zuniga, Wilfrido R.; Jauregui, Hugo; Rysavy, Joseph; Amplatz, Kurt, **127:** 81, 1978
successful transcatheter Gelfoam embolization of a bleeding cecal vascular ectasia, Sniderman, Kenneth W.; Franklin, Jr., John; Sos, Thomas A., (AJR), **131:** 157, 1978
therapeutic embolization for hemorrhage from locally recurrent cancer of the breast, Harrington, Donald P.; Barth, Klemens H.; Baker, Robinson R.; Truax, Bradley T.; Abeloff, Martin D.; White, Jr., Robert I., **129:** 307, 1978
therapeutic embolization with detachable balloons: physical factors influencing permanent occlusion, White, Jr. Robert I.; Ursic, Thomas A.; Kaufman, Stephen L.; Barth, Klemens H.; Kim, Won; Gross, Gary S., **126:** 521, 1978
transcatheter embolization for lower gastrointestinal bleeding, Bookstein, Joseph J.; Naderi, Mohammad J.; Walter, Joseph F., **127:** 345, 1978
transcatheter embolization for treatment of Mallory-Weiss tears of the esophagogastric junction, Carsen, Gregory M.; Casarella, William J.; Spiegel, Richard M., **128:** 309, 1978
transcatheter embolization: prevention of embolic reflux using balloon catheters, Greenfield, Alan J.; Athanasoulis, Christos A.; Waltman, Arthur C.; LeMoure, Edward R., (AJR), **131:** 651, 1978
transcatheter Gelfoam embolization of posttraumatic bleeding pseudoaneurysms, Chang, James; Katzen, Barry T.; Sullivan, Kenneth P., (AJR), **131:** 645, 1978
transcatheter vascular occlusion therapy with isobutyl 2-cyanoacrylate (Bucrylate) for control of massive upper-gastrointestinal bleeding, Goldman, Martin L.; Freeny, Patrick C.; Tallman, James M.; Galambos, John T.; Bradley, III, Edward L.; Salam, Atef; Oen, Khee-Tiang; Gordon, Ira J.; Mennemeyer, Ralph, **129:** 41, 1978
traumatic arterio-caliceal fistula, Blackwell, James E.; Potchen, E. J.; Laidlaw, W. William; Paul, Larry H., **129:** 633, 1978
use of the bristle brush for transcatheter embolization, Gomes, Antoinette S.; Rysavy, Joseph A.; Spadaccini, Cathy A.; Probst, Peter; D'Souza, Vincent; Amplatz, Kurt, **129:** 345, 1978

EMI scanner
See Computed tomography
Emission computed tomography
computed transaxial imaging using single gamma emitters, Gustafson, David E.; Berggren, Michael J.; Singh, Manbir; Dewanjee, Mrinal K., **129:** 187, 1978
early clinical experience with a radionuclide emission computed tomographic brain imaging system, Hill, Thomas C.; Costello, Philip; Gramm, Herbert F.; Lovett, Richard; McNeil, Barbara J.; Treves, Salvador, **128:** 803, 1978
emission computed tomography, Phelps, Michael E., (SNM), **7:** 337, 1977
multislice positron emission computed tomograph (PETT IV) yielding transverse and longitudinal images, Ter-Pogossian, Michel M.; Mullani, Nizar A.; Hood, John; Higgins, Carol S.; Currie, C. Michael, **128:** 477, 1978
myocardial imaging using emission computed tomography, Keyes, Jr., John W.; Leonard, Patrick F.; Svetkoff, Donald J.; Brody, Steven L.; Rogers, W. Leslie; Lucchesi, Benedict R., **127:** 809, 1978
radionuclide emission computed tomography of the body of laboratory animals, Hill, Thomas C.; Costello, Philip; Davis, Michael A.; Lovett, Richard; Shulkin, Peter, **128:** 799, 1978

Emphysema, gastric
gastric emphysema in infants with hypertrophic pyloric stenosis, Lester, Patrick D.; Budge, Arthur F.; Barnes, John C.; Kirks, Donald R., (AJR), **131:** 421, 1978
Emphysema, mediastinal
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978

Emphysema, pulmonary
computed tomography of the lung, Rosenblum, Lawrence J.; Mauceri, Richard A.; Wellenstein, David E.; Bassano, Daniel A.; Cohen, William N.; Heitzman, E. Robert, **129:** 521, 1978
^{81m}Kr ventilation and ^{99m}Tc perfusion scans in chest disease: comparison with standard radiographs, Fazio, Ferruccio; Lavender, J. Peter; Steiner, Robert E., (AJR), **130:** 421, 1978
pathogenetic left "tracheal" bronchus: 4 cases and review of the literature (ab), Remy, J.; Smith, M.; Marache, Ph.; Nuyts, J. P., **128:** 273, 1978
radiographic appearance of the chest in emphysema, Thurlbeck, William M.; Simon, George, (AJR), **130:** 429, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978
SARCOIDOSIS AND MEDIASTINAL EMPHYSEMA, Amorosa, Judith Korek; Schaffer, Richard M.; Smith, Peter R.; Cohen, Jeffrey R.; Robinson, Theodore, **127:** 314, 1978
selective bronchial intubation for the treatment of severe localized pulmonary interstitial emphysema in newborn infants (ab), Brooks, John G.; Bustamante, Sergio A.; Koops, Beverly L.; Hilton, Saskia; Cooper, David; Wesenberg, Richard L.; Simmons, Michael A., **127:** 849, 1978
Swyer-James syndrome: diagnostic application of combined radionuclide ventilation and perfusion scanning (ab), Lee, Hee Kyung; Granada, Margarito, **126:** 845, 1978
ventilation-perfusion scans in neonatal regional pulmonary emphysema complicating ventilatory assistance, Leonidas, John C.; Moylan, Fergus M. B.; Kahn, Paul C.; Ramenofsky, Max L., (AJR), **131:** 243, 1978

Empyema
empyema as a complication of retropharyngeal and neck abscesses in children, Ramilo, Jose; Harris, Vivian J.; White, Harvey, **126:** 743, 1978
Encephalitis
radionuclide imaging in herpes simplex encephalitis, Karlin, Charles A.; Robinson, Ralph G.; Hinthorn, Daniel R.; Liu, Chien, **126:** 181, 1978
Encephalocele
See Brain, hernia
Enchondroma
fibromuscular dysplasia of intracranial arteries in a patient with multiple enchondromas (Ollier disease) (ab), Slagsvold, Jon E.; Bergsholm, Per; Larsen, John L., **129:** 273, 1978
Endocarditis
See Heart, inflammation
Endocrine glands, radionuclide studies
MEN type IIa syndrome: dilemmas in modern management, Freitas, John E.; Sisson, James C.; Freier, Duane T.; Thompson, Norman W., (SNM), **8:** 73, 1978
Endometriosis
spectrum of ultrasonic findings in endometriosis, Sandler, Michael A.; Karo, James J., **127:** 229, 1978
Endometrium
See Uterus
Endoscopy
double-blind study of single and double contrast upper gastrointestinal examinations using endoscopy as a control, Montagne, Jean-Philippe; Moss, Albert A.; Margulis, Alexander R., (AJR), **130:** 1041, 1978
endoscopy and surgery of the larynx and trachea, Montgomery, William W., (RCNA), **16:** 219, 1978
iatrogenic perforations of the esophagus during fiberoptic endoscopy: radiologic signs (ab), Nouel, O.; Rouanet, J. P.; Lichtenstein, H.; Bloch, P.; Cugnenc, P. H.; Monnier, J. P., **128:** 853, 1978
natural history of the double pylorus, Hegedus, Viktor; Poulsen, Poul Ejby; Reichardt, Jens, **126:** 29, 1978
polypoid colonic lesions undetected by endoscopy, Miller, Roscoe E.; Lehman, Glen, **129:** 295, 1978
rapid diagnosis of pancreatic carcinoma: algorithmic approach, Freeny, Patrick C.; Ball, Terrence J., **127:** 627, 1978
Enemas
hypocalcemia coma following two pediatric phosphate enemas (ab), Sotos, Juan F.; Cutler, Edward A.; Finkel, Martin A.; Doody, Dennis, **127:** 569, 1978
Engelmann disease
See Bones, osteochondrodysplasias
Enterocolitis
See Colon, inflammation; Intestines, diseases
Enterolithiasis
See Intestines, obstruction
Eosinophilia
cardiac tamponade and peripheral eosinophilia in a patient receiving cromolyn sodium (ab), Slater, Eve E., **129:** 283, 1978
eosinophilic infiltration of the oesophagus in an infant (ab), Forget, P.; Eggermont, E.; Marchal, G.; Geboes, K.; Jacken, J.; Melchior, S., **129:** 853, 1978
Ependymoblastoma
See Ependymoma
Ependymoma
computed tomography in the follow-up of medulloblastomas and ependymomas, Enzmann, Dieter R.; Norman, David; Levin, Victor; Wilson, Charles; Newton, Thomas H., **128:** 57, 1978
Epidermoid
recurrent meningitis due to an intracranial epidermoid (ab), Schwartz, James F.; Balentine, J. Douglas, **129:** 558, 1978
Epidermolysis bullosa
See Skin
Epididymitis
gray scale ultrasound of the scrotum, Sample, W. F.; Gottesman, J. E.; Skinner, D. G.; Ehrlich, R. M., **127:** 225, 1978
Epilepsy
value of routine skull radiography in clinical evaluation of children with recurrent convulsions (ab), Berman, Wulfred; Johnson, Burton A., **126:** 273, 1978
Epinephrine
epinephrine renal venography in severe inflammatory disease of the kidney, Goldman, Martin L.; Gorelkin, Leo; Rude, III, Joe C.; Sybers, Robert G.; O'Brien, David P., **127:** 93, 1978

improved method of administering epinephrine in an emergency, King, Phillip E., **127:** 268, 1978
small renal pelvic carcinomas: value of epinephrine magnification angiography (ab), Chew, Qwie T.; Nouri, Mohammad Seif; Woo, Byung Hyuck, **129:** 856, 1978

Epiphyses
acute chondrolysis complicating slipped capital femoral epiphysis, Goldman, Amy Beth; Schneider, Robert; Martel, William, (AJR), **130:** 945, 1978
effect of trauma to the epiphysis and growth plate (ab), Siffert, Robert S., **126:** 836, 1978
slipped capital femoral epiphyses complicating renal osteodystrophy: report of three cases, Goldman, Amy Beth; Lane, Joseph M.; Salvati, Eduardo, **126:** 333, 1978

Epstein, Bernard S.
(obit), **129:** 543, 1978

Erythrocytes
See Red blood cells

Esophagus
See also Deglutition; Hernia, diaphragmatic; Stomach, cardioesophageal junction
congenital cricopharyngeal achalasia (ab), Reichert, Timothy J.; Bluestone, Charles D.; Stool, Sylvan E.; Sieber, William K.; Sieber, Anne M., **127:** 848, 1978
eosinophilic infiltration of the oesophagus in an infant (ab), Forget, P.; Eggermont, E.; Marchal, G.; Geboes, K.; Jacken, J.; Melchior, S., **129:** 853, 1978
esophagus in collagen disease: radiologic findings (ab), Miller, Wallace T.; Turner, Robert; Lipshutz, William; Rittenberg, Gerald; Schumacher, H. Ralph; Cohen, Sidney, **127:** 279, 1978
pharyngoesophageal manifestations of epidermolysis bullosa (ab), Kabakian, H. A.; Dahmash, N. S., **129:** 563, 1978
upper esophageal ring (ab), Moyer, Patricia; Andrews, Philip J.; Dreyfuss, Jack R., **129:** 562, 1978

Esophagus, abnormalities
adenocarcinoma in the columnar-lined (Barrett) esophagus: case reports and review of the literature (ab), Poleynard, Gary D.; Marty, Alan T.; Birnbaum, William B.; Nelson, Lawrence E.; O'Reilly, Richard R., **126:** 835, 1978
combined esophageal and duodenal atresia without tracheoesophageal fistula: characteristic radiographic changes, Crowe, James E.; Sumner, Thomas E., (AJR), **130:** 167, 1978
esophageal atresia, duodenal atresia, and gastric distention: report of two cases, McCook, Thomas A.; Felman, Alvin H., (AJR), **131:** 167, 1978
mediastinal bronchogenic cyst with esophageal communication, Mindelzun, Robert; Long, Peter, **126:** 28, 1978
role of lower esophageal sphincter incompetence in recurrent pneumonia after repair of esophageal atresia (ab), Whitington, Peter F.; Shermeta, Dennis W.; Seto, Dexter S. Y.; Jones, Linda; Hendrix, Thomas R., **127:** 850, 1978
VATER association, Barnes, John C.; Smith, Wilbur L., **126:** 445, 1978

Esophagus, anatomy
historical review of the changing concepts of lower esophageal anatomy: 430 B.C.–1977, Friedland, Gerald W., (AJR), **131:** 373, 1978

Esophagus, atresia
See Esophagus, abnormalities

Esophagus, cardioesophageal junction
inflammatory esophagogastric polyp and fold, Bleshman, Michael H.; Banner, Marc P.; Johnson, Randle C.; DeFord, James W., **128:** 589, 1978
rontgencinematography and manometry following Nissen's fundoplication (ab), Punto, L.; Mokka, R. E. M., **128:** 566, 1978
transcatheter embolization for treatment of Mallory-Weiss tears of the esophagogastric junction, Carsen, Gregory M.; Casarella, William J.; Spiegel, Richard M., **128:** 309, 1978

Esophagus, diseases
atypical chest pain of cardiac and esophageal origin (ab), Henderson, Robert D.; Wigle, E. Douglas; Sample, Karen; Marryatt, Gary, **127:** 850, 1978
chronic mucocutaneous candidiasis: radiologic abnormalities in the esophagus, Rohrmann, Jr., Charles A.; Kidd, Reiley, (AJR), **130:** 473, 1978
dermatomyositis: vocal and swallowing disease entity (ab), Metheny, John A., **129:** 848, 1978
transverse folds in the human esophagus, Gohel, Vijay K.; Edell, Steven L.; Laufer, Igor; Rhodes, W. H., **128:** 303, 1978

Esophagus, diverticula
esophageal intramural pseudodiverticulosis (ab), Fromkes, John; Thomas, Fred B.; Mekhjian, Hagop; Caldwell, James H.; Johnson, John C., **126:** 551, 1978
intramural diverticulosis of the esophagus in an eight-year-old boy (ab), Braun, P.; Nussle, D.; Roy, C. C.; Cuendet, A., **128:** 854, 1978

Esophagus, foreign bodies
See Foreign bodies, in air and food passages

Esophagus, gastroesophageal junction
gastroesophageal reflux in infants and children: correlation of radiological severity and pulmonary pathology, Darling, Donald B.; McCauley, Roy G. K.; Leonidas, John C.; Schwartz, Alan M., **127:** 735, 1978

Esophagus, hemorrhage
massive esophageal hemorrhage in leukemia, Stratemeier, Phillip H., (AJR), **129:** 1106, 1977
percutaneous transhepatic obliteration of gastroesophageal varices: some technical aspects, Keller, Frederick S.; Dotter, Charles T.; Rosch, Josef, **129:** 327, 1978
transhepatic occlusion of bleeding esophageal varices in cirrhosis of the liver (ab), Deimer, E.; Funovics, J.; Muller, M., **128:** 566, 1978

Esophagus, inflammation
inflammatory esophagogastric polyp and fold, Bleshman, Michael H.; Banner, Marc P.; Johnson, Randle C.; DeFord, James W., **128:** 589, 1978

Esophagus, mucosa
transverse folds in the human esophagus, Gohel, Vijay K.; Edell, Steven L.; Laufer, Igor; Rhodes, W. H., **128:** 303, 1978

Esophagus, neoplasms
adenocarcinoma in the columnar-lined (Barrett) esophagus: case reports and review of the literature (ab), Poleynard, Gary D.; Marty, Alan T.; Birnbaum, William B.; Nelson, Lawrence E.; O'Reilly, Richard R., **126:** 835, 1978
combined treatment methods for carcinoma of the esophagus, Fraser, Robert W.; Wara, William M.; Thomas, Arthur N.; Mauch, Peter M.; Fishman, Noel H.; Galante, Maurice; Phillips, Theodore L.; Buschke, Franz, **128:** 461, 1978
diagnosis of microscopic carcinoma of the esophagus (ab), Burke, Erwin L.; Sturm, James; Williamson, Daryl, **128:** 566, 1978
giant papilloma of the thoracic esophagus, Walker, John H., (AJR), **131:** 519, 1978
inflammatory esophagogastric polyp and fold, Bleshman, Michael H.; Banner, Marc P.; Johnson, Randle C.; DeFord, James W., **128:** 589, 1978
retrotracheal abnormalities in esophageal carcinoma: prognostic implications, Daffner, Richard H.; Postlethwait, R. W.; Putman, Charles E., (AJR), **130:** 719, 1978
small-bowel malabsorption and gastrointestinal malignancy, Collins, Stephen M.; Hamilton, John D.; Lewis, Terence D.; Laufer, Igor, **126:** 603, 1978
spinal cord protection during cross-fire irradiation of the intrathoracic esophagus: tube-tilt *vs.* shielding, Sewchand, Wilfred; Jones, Jr., Thomas K.; Khan, Faiz M.; Levitt, Seymour H., **126:** 239, 1978
superficial esophageal carcinoma: radiological findings in double-contrast studies, Itai, Yuji; Kogure, Takashi; Okuyama, Yamaji; Akiyama, Hiroshi, **126:** 597, 1978

Esophagus, obstruction
radiolucent esophageal foreign body: often forgotten cause of respiratory symptoms (ab), Newman, Donald E., **129:** 276, 1978

Esophagus, perforation
iatrogenic perforations of the esophagus during fiberoptic endoscopy: radiologic signs (ab), Nouel, O.; Rouanet, J. P.; Lichtenstein, H.; Bloch, P.; Cugnenc, P. H.; Monnier, J. P., **128:** 853, 1978

Esophagus, polypi
See Esophagus, neoplasms

Esophagus, radiation effects
thoracic effects of therapeutic irradiation for breast carcinoma, Meyer, Jack E., (AJR), **130:** 877, 1978

Esophagus, radiography
superficial esophageal carcinoma: radiological findings in double-contrast studies, Itai, Yuji; Kogure, Takashi; Okuyama, Yamaji; Akiyama, Hiroshi, **126:** 597, 1978
transverse folds in the human esophagus, Gohel, Vijay K.; Edell, Steven L.; Laufer, Igor; Rhodes, W. H., **128:** 303, 1978

Esophagus, reflux
See Stomach, cardioesophageal junction

Esophagus, rupture
spontaneous rupture of the esophagus (ab), Symbas, Panagiotis N.; Hatcher, Jr., Charles R.; Harlaftis, Nicholaos, **129:** 563, 1978

Esophagus, stenosis
chronic mucocutaneous candidiasis: radiologic abnormalities in the esophagus, Rohrmann, Jr., Charles A.; Kidd, Reiley, (AJR), **130:** 473, 1978

Esophagus, surgery
rontgencinematography and manometry following Nissen's fundoplication (ab), Punto, L.; Mokka, R. E. M., **128:** 566, 1978

Esophagus, therapeutic radiology
CT determination of parameters for inhomogeneity corrections in radiation therapy of the esophagus, Fullerton, Gary D.; Sewchand, Wilfred; Payne, J. Thomas; Levitt, Seymour H., **126:** 167, 1978

Esophagus, varices
isobutyl 2-cyanoacrylate (bucrylate) in obliteration of gastric coronary vein and esophageal varices, Lunderquist, Anders; Borjesson, Bengt; Owman, Torben; Bengmark, Stig, (AJR), **130:** 1, 1978
percutaneous transhepatic obliteration of gastroesophageal varices: some technical aspects, Keller, Frederick S.; Dotter, Charles T.; Rosch, Josef, **129:** 327, 1978
pitfalls of transhepatic portal venography and therapeutic coronary vein occlusion, Widrich, Warren C.; Robbins, Alan H.; Nabseth, Donald C.; Johnson, Willard C.; Goldstein, Susan A., (AJR), **131:** 637, 1978
transhepatic occlusion of bleeding esophageal varices in cirrhosis of the liver (ab), Deimer, E.; Funovics, J.; Muller, M., **128:** 566, 1978
transjugular technique of hepatic venography and biopsy, cholangiography, and obliteration of esophageal varices, Goldman, Martin L.; Gonzalez, Antonio C.; Galambos, John T.; Gordon, Ira J.; Oen, Khee-Tiang, **128:** 325, 1978

Ethanolaminosis
ethanolaminosis, a generalized storage disease with cardiomegaly, cerebral dysfunction, and early death (ab), Vietor, K. W.; Havsteen, B.; Harms, D.; Busse, H.; Freitag, F., **126:** 282, 1978

Ethmoid bone
nasofrontal-ethmoidal injuries (ab), May, Mark, **127:** 848, 1978

Exostoses
bone scintigraphy in hereditary multiple exostoses, Epstein, David A.; Levin, Emanuel J., (AJR), **130:** 331, 1978

Extremities
See also Fingers and toes; under names of bones and joints, as Femur; Knee; etc.
simplified outpatient lower extremity venography, Pavlov, Helene; MacMoran, Jay W.; Funch, Robert B.; Bernhard, Robert A.; D'Orazio, Edward A., **126:** 525, 1978
spontaneous osteonecrosis of the knee and medial meniscal tears, Norman, Alex; Baker, Nancy D., **129:** 653, 1978

Extremities, abnormalities
congenital diaphragmatic hernia associated with homolateral upper limb malformation: study of possible pathogenesis in four cases (ab), McCredie, Janet; Reid, Ian S., **129:** 853, 1978
idiopathic hypertrophic osteoarthropathy without pachyderma, Bhate, Dharmashi V.; Pizarro, Antonio J.; Greenfield, George B., **129:** 379, 1978
proximal femoral focal deficiency, Schatz, Sanford L.; Kopits, Steven E., (AJR), **131:** 289, 1978
VATER association, Barnes, John C.; Smith, Wilbur L., **126:** 445, 1978

Extremities, blood supply
angiography of intimal and intramural arterial injuries, Gerlock, Jr., Amil James; Mathis, John; Goncharenko, Victor; Maravilla, Ann, **129:** 357, 1978
biplane arteriography in ischemia of the lower extremity, Crummy, Andrew B.; Rankin, Ronald S.; Turnipseed, William D.; Berkoff, Herbert A., **126:** 111, 1978
reactive hyperemia vs treadmill exercise testing in arterial disease (ab), Hummel, Brian W.; Hummel, Brad A.; Mowbry, Alan; Maixner, William; Barnes, Robert W., **127:** 851, 1978

Extremities, edema
Klippel–Trenaunay syndrome: clinical and radiological aspects, Phillips, Gail N.; Gordon, David H.; Martin, Eric C.; Haller, Jack O.; Casarella, William, **128:** 429, 1978
lymphatico-osseous communication and primary lymphedema, Abe, Rikiya, **129:** 375, 1978
scintilymphangiographic "flare" sign of lymphangitic obstruction (ab), Jackson, F. I.; Lentle, B. C., **127:** 573, 1978

Extremities, injuries
angiography of intimal and intramural arterial injuries, Gerlock, Jr., Amil James; Mathis, John; Goncharenko, Victor; Maravilla, Ann, **129:** 357, 1978

emergency angiography in extremity trauma: prognostic aspects (ab), Laasonen, E. M., **129:** 853, 1978
neuropathic injuries to the lower extremities in children, Schneider, Robert; Goldman, Amy Beth; Bohne, Walter H. O., **128:** 713, 1978
peripheral arterial embolism of multiple pellets after shotgun injury to an extremity, Guest, James A.; Malangoni, Mark A.; Holden, Robert W.; Yaw, Peter B., (AJR), **129:** 933, 1977

Extremities, neoplasms
angiography of extremity masses in children, Stanley, Philip; Miller, John H., (AJR), **130:** 1119, 1978
childhood rhabdomyosarcoma of the extremity: results of combined modality therapy (ab), Ransom, J. Laurence; Pratt, Charles B.; Shanks, Ellen, **127:** 576, 1978
partial embolization of large peripheral hemangioma for pain control, Mitty, Harold A.; Kleiger, Barnard, **127:** 671, 1978
prostaglandin E_1 (PGE_1) in angiography of tumors of the extremities, Jonsson, Kjell; De Santos, Luis Alonso; Wallace, Sidney; Anderson, James H., (AJR), **130:** 7, 1978

Extremities, radionuclide studies
clinically suspected deep venous thrombosis of the lower extremities: comparison of venography, impedance plethysmography, and radiolabeled fibrinogen (ab), Moser, Kenneth M.; Brach, B. Bowman; Dolan, Gerald F., **126:** 559, 1978
combined use of leg scanning and impedance plethysmography in suspected venous thrombosis: an alternative to venography (ab), Hull, Russell; Hirsh, Jack; Sackett, David L.; Powers, Peter; Turpie, Alexander G.; Walker, Irwin, **126:** 559, 1978
demonstration of a false aneurysm of the extremity by dynamic radionuclide scintigraphy, Lee, Kyo Rak; Robinson, Ralph G.; Neff, James R., (AJR), **129:** 931, 1977
dose to the metaphyseal growth complexes in children undergoing ^{99m}Tc-EHDP bone scans, Thomas, Stephen R.; Gelfand, Michael J.; Kereiakes, James G.; Ascoli, Frank A.; Maxon, Harry R.; Saenger, Eugene L.; Feller, Paul A.; Sodd, Vincent J.; Paras, Peter, **126:** 193, 1978
^{131}I-labeled fibrinogen in the diagnosis of deep vein thrombosis of the lower extremities, Prescott, Stephen M.; Tikoff, Gerasim; Coleman, R. Edward; Richards, Kent L.; Armstrong, Jr., John D.; Hershgold, Edward L.; McDaniel, Dwight C.; Ganchan, Richard P., (AJR), **131:** 451, 1978
scintilymphangiographic "flare" sign of lymphangitic obstruction (ab), Jackson, F. I.; Lentle, B. C., **127:** 573, 1978
scintiscanning of venous thrombosis of the lower extremities (ab), Cordoba, Alfonso; Figueras, Nicholas; Garcia, Rosalba, **128:** 575, 1978

Extremities, surgery
surgical relief of progressive upper limb paralysis in Arnold-Chiari malformation (ab), Gol, Alexander; Hellbusch, Leslie C., **129:** 568, 1978

Extremities, thrombosis
symptomatic deep venous thrombosis of the arm associated with permanent transvenous pacing electrodes (ab), Williams, Edward H.; Tyers, G. Frank O.; Shaffer, Carolyn Wine, **128:** 853, 1978

Extremities, ultrasound studies
ultrasonic evaluation of extremity soft-tissue lesions with arthrographic correlation (ab), Lawson, Thomas L.; Mittler, Sigmund, **129:** 574, 1978

Eyes
effectiveness of glass lenses in reducing exposure to the eyes, Agarwal, Suresh K.; Friesen, Elroy J.; Huddleston, Alan L.; Rao, Ravindra P., **129:** 810, 1978
eye dose measurements using conventional and rare-earth screens during tomography of the para-nasal sinuses (ab), Eddleston, B.; Moores, B. M.; Walker, A., **126:** 274, 1978
luxation of the globe in Engelmann's disease (ab), Brodrick, John D., **128:** 851, 1978
postero-anterior radiography: method for reduction of eye dose, Rosenbaum, Arthur E.; Arnold, Ben A., **129:** 812, 1978
postoperative irradiation of pterygia: ten more years of experience, Cooper, Jay Scott, **128:** 753, 1978
radiation protection of the lens for patients and users, Littleton, Jesse T.; Durizch, Mary Lou; Perry, Nelson, **129:** 795, 1978
radiotherapy of orbital pseudotumor, Kim, Robert Y.; Roth, Robert E., **127:** 507, 1978
sectorial optic atrophy and homonymous, horizontal sectoranopia: lateral choroidal artery syndrome? (ab), Frisen, L.; Holmegaard, L.; Rosencrantz, M., **129:** 558, 1978
simple eye protection shield for special procedures, Wendth, Arthur J.; Ryan, Robert M.; Jones, Robert, **129:** 818, 1978
study of the dose to the thyroid and the eye in computed tomography of the brain, Raeside, David E.; Anderson, David W.; Galloway, Dan C., **129:** 814, 1978
Tolosa-Hunt syndrome: arteriographic evidence of improvement in carotid narrowing (ab), Takeoka, Tsuneyuki; Gotoh, Fumio; Fukuuchi, Yasuo; Inagaki, Yasutaka, **128:** 562, 1978
value of conventional eyeglasses for x-ray protection, Ardran, Gordon M.; Crooks, Henry E., **129:** 815, 1978
x-ray attenuation by prescription lenses, Young, R. G.; Carlton, W. H., **129:** 811, 1978

Eyes, abnormalities
ocular abnormalities in the median cleft face syndrome (ab), Kinsey, James A.; Streeten, Barbara W., **127:** 847, 1978

Eyes, anatomy
microanatomy of the optic canal (ab), Maniscalco, Jack E.; Habal, Mutaz B., **129:** 847, 1978

Eyes, diseases
optic tract syndrome: review of 21 cases (ab), Savine, Peter J.; Schatz, Mark J.; Orr, Linda S.; Corbett, James J., **129:** 847, 1978

Eyes, hemorrhage
malignant melanoma of the choroid associated with spontaneous expulsive choroidal hemorrhage (ab), Perry, Henry D.; Hsieh, Robert C.; Evans, Richard M., **128:** 851, 1978

Eyes, neoplasms
computed tomography of intraorbital optic nerve gliomas in children, Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M., **129:** 73, 1978
malignant melanoma of the choroid associated with spontaneous expulsive choroidal hemorrhage (ab), Perry, Henry D.; Hsieh, Robert C.; Evans, Richard M., **128:** 851, 1978
optic tract syndrome: review of 21 cases (ab), Savine, Peter J.; Schatz, Mark J.; Orr, Linda S.; Corbett, James J., **129:** 847, 1978
retinoblastoma treated with a ^{60}Co applicator (ab), Rosengren, B.; Tengroth, B., **127:** 861, 1978

Eyes, paralysis
ophthalmoplegia in cranial arteritis (ab), Barricks, Michael E.; Traviesa, Dan B.; Glaser, Joel S.; Levy, Ivor S., **127:** 846, 1978

Eyes, radiation effects
simple method of protecting the eye from scattered radiations during mantle-field therapy, Barnes, Walter H.; Bradfield, John S.; Hammond, David B., **129:** 812, 1978

F

Fabella
See Sesamoid bones

Face
See also Eyes; Jaws; Nose; etc.
painful tic convulsif (ab), Pulsinelli, W. A.; Rottenberg, D. A., **126:** 274, 1978

Face, abnormalities
aglossia-adactylia, Johnson, G. Frank; Robinow, Meinhard, **128:** 127, 1978
ocular abnormalities in the median cleft face syndrome (ab), Kinsey, James A.; Streeten, Barbara W., **127:** 847, 1978

Face, fractures
facial fractures, Dolan, Kenneth D.; Jacoby, Charles G., (SR), **13:** 37, 1978

Face, injuries
facial fractures, Dolan, Kenneth D.; Jacoby, Charles G., (SR), **13:** 37, 1978
nasofrontal-ethmoidal injuries (ab), May, Mark, **127:** 848, 1978

Face, neoplasms
idiopathic midface lesions (ab), Wetmore, Stephen J.; Patz, Charles E., **129:** 851, 1978

Face, spasm
etiology and definitive microsurgical treatment of hemifacial spasm: operative techniques and results in 47 patients (ab), Jannetta, Peter J.; Abbasy, Munir; Maroon, Joseph C.; Ramos, Francisco M.; Albin, Maurice S., **128:** 271, 1978

Fallopian tubes
gray-scale ultrasound in tubal pregnancy, Schoenbaum, Stephen; Rosendorf, Leonard; Kappelman, Neil; Rowan, Timothy, **127:** 757, 1978

Fallopian tubes, radiography
radiation dose in hysterosalpingography: modern 100mm fluorography *vs.* full-scale radiography, Seppanen, Seppo; Lehtinen, Eero; Holli, Heimo, **127:** 377, 1978

Fallopian tubes, ultrasound studies
grey scale ultrasonography in the diagnosis of ectopic pregnancy, Maklad, Nabil F.; Wright, Carl H., **126:** 221, 1978

Familial conditions
aglossia-adactylia, Johnson, G. Frank; Robinow, Meinhard, **128:** 127, 1978
autosomal dominant polycystic renal disease in children (ab), Kaplan, B. S.; Rabin, I.; Nogrady, M. B.; Drummond, K. N., **126:** 838, 1978
congenital dislocation of the hip: results of early diagnosis and treatment in Malmo (ab), Fredensborg, N., **127:** 567, 1978
dyssegmental dwarfism: lethal anisospondylic camptomicromelic dwarfism (ab), Gruhn, John G.; Gorlin, Robert J.; Langer, Leonard O., **128:** 855, 1978
familial polyposis (ab), Marshak, Richard H.; Lindner, Arthur E.; Maklansky, Daniel, **126:** 278, 1978
family with primary protrusio acetabuli (ab), D'Arcy, K.; Ansell, B. M.; Bywaters, E. G. L., **128:** 568, 1978
female with "Aase syndrome" (ab), van Weel-Sipman, M.; van de Kamp, J. J. P.; de Koning, J., **128:** 571, 1978
geroderma osteodysplastica: report of two affected families (ab), Hunter, Alasdair G. W.; Martsolf, John T.; Baker, Charles G.; Reed, Martin H., **128:** 568, 1978
HLA-B27-negative sacroiliitis: manifestation of familial Mediterranean fever in childhood (ab), Lehman, Thomas J. A.; Hanson, Virgil; Kornreich, Helen; Peters, Robert S.; Schwabe, Arthur D., **128:** 568, 1978
Kniest syndrome: report of two cases (ab), Kozlowski, K.; Lek, A. Barylak; Kobielowa, Z., **127:** 280, 1978
Melnick-Needles osteodysplasia associated with pulmonary hypertension, obstructive uropathy and marrow hypoplasia (ab), Klint, R. B.; Agustsson, M. H.; McAlister, W. H., **126:** 836, 1978
Melnick-Needles syndrome: radiographic alterations in the mandible, Gorlin, Robert J.; Langer, Jr., Leonard O., **128:** 351, 1978
metaphyseal lesions of Menkes' syndrome—case report (ab), Capesius, P.; Van Damme, W.; Touitou, D.; Reolon, M., **128:** 568, 1978
multicystic dysplastic kidney (ab), De Klerk, Daniel P.; Marshall, Fay F.; Jeffs, Robert D., **126:** 281, 1978
myotonic dystrophy (Steinert's disease) in the neonate, Chassevent, Jacques; Sauvegrain, Jacques; Besson-Leaud, Marc; Kalifa, Gabriel, **127:** 747, 1978
neurofibromatosis in children: 1977 Edward B. D. Neuhauser lecture, Holt, John F., (AJR), **130:** 615, 1978
nevoid basal cell carcinoma syndrome: radiographic manifestations including cystlike lesions of the phalanges, Dunnick, N. Reed; Head, Gordon L.; Peck, Gary L.; Yoder, Frank W., **127:** 331, 1978
pedicle in neurofibromatosis, Mandell, Gerald A., (AJR), **130:** 675, 1978
primary reticulum cell sarcoma of the brain in Wiskott-Aldrich syndrome: report of a case (ab), Model, Lawrence M., **128:** 280, 1978
pseudochondroplasia: report of 13 cases (ab), Heselson, N. G.; Cremin, B. J.; Beighton, P., **127:** 568, 1978
Rothmund-Thomson syndrome (poikiloderma congenitale) associated with mental retardation, growth disturbance, and skeletal features (ab), Kassner, E. G.; Qazi, Q. H.; Haller, J. O., **127:** 280, 1978
Saethre-Chotzen syndrome: broad and variable pattern of skeletal malformations (ab), Friedman, J. M.; Hanson, James W.; Graham, C. Benjamin; Smith, David W., **128:** 568, 1978
thoracic dysplasia in spondyloepiphyseal dysplasia congenita (ab), Naumoff, Peter, **127:** 567, 1978
thyroid hemiagenesis (ab), Avramides, Avraam; Vichayanrat, Apichati; Solomon, Nathan; Carter, Anne C., **127:** 573, 1978
VATER association, Barnes, John C.; Smith, Wilbur L., **126:** 445, 1978
x-linked dysosteosclerosis: four familial cases (ab), Pascual-Castroviejo, I.; Casas-Fernandez, C.; Lopez-Martin, V.; Martinez-Bermejo, A., **127:** 280, 1978

Fat
gamut: fatty densities on CT, Katz, David L., (SR), **13:** 187, 1978

Fatty densities, computed tomography
gamut: fatty densities on CT, Katz, David L., (SR), **13:** 187, 1978

Fat, ultrasound studies
echographic characteristics of fatty tissues and tumors, Behan, Michael; Kazam, Elias, **129:** 143, 1978
Femur
peritoneographic demonstration of femoral hernia, Oh, Kook Sang; Condon, Virgil R.; Dorst, John P.; Grajo, Galterius, **127:** 209, 1978
proximal femoral focal deficiency, Schatz, Sanford L.; Kopits, Steven E., (AJR), **131:** 289, 1978
radiography of the proximal femur for angle measurement (ab), Konig, G., **127:** 279, 1978
radiological and pathological manifestations of osteochondritis dissecans of the distal femur: study of 50 cases, Milgram, James W., **126:** 305, 1978
spontaneous osteonecrosis of the knee and medial meniscal tears, Norman, Alex; Baker, Nancy D., **129:** 653, 1978
Femur, fractures
determination of the vascularity of the femoral head with technetium 99m-sulphur-colloid: diagnostic and prognostic significance (ab), Meyers, Marvin H.; Telfer, Nancy; Moore, Tillman M., **127:** 860, 1978
neuropathic injuries to the lower extremities in children, Schneider, Robert; Goldman, Amy Beth; Bohne, Walter H. O., **128:** 713, 1978
plastic bowing fracture of the femur in a child, Cail, Wayne S.; Keats, Theodore E.; Sussman, Michael D., (AJR), **130:** 780, 1978
Femur, necrosis
early roentgenologic symptoms of idiopathic femoral head necrosis in adults (ab), Niethard, F. U.; Puhl, W., **129:** 567, 1978
Femur, radionuclide studies
determination of the vascularity of the femoral head with technetium 99m-sulphur-colloid: diagnostic and prognostic significance (ab), Meyers, Marvin H.; Telfer, Nancy; Moore, Tillman M., **127:** 860, 1978
Fetal alcohol syndrome
See Alcoholism; Fetus
Fetus
See also Pelvis; Pregnancy; Radiations, injurious effects; Radiobiology
complication of amniofetography: hypothyroidism (ab), Denavit, M.-F.; Lecointre, Cl.; Mallet, E.; de Menibus, Cl.; Rossier, A., **126:** 281, 1978
fetal uptake of an intravascular radiologic contrast medium (ab), Dean, P. B., **127:** 855, 1978
renal anomalies in the fetal alcohol syndrome (ab), DeBeukelaer, Martin M.; Randall, Carrie L.; Stroud, Donna R., **128:** 569, 1978
Fetus, abnormalities
antepartum ultrasonic diagnosis of congenital hydrocele, Vanesian, Richard; Grossman, Michael; Metherell, Alexander; Flynn, John J.; Louscher, Sheila, **126:** 765, 1978
intrauterine diagnosis of omphalocele, Roberts, Cameron, **127:** 762, 1978
Fetus, blood supply
non-invasive measurement of human fetal circulation using ultrasound: new method (ab), Fitzgerald, D. E.; Drumm, J. E., **127:** 857, 1978
Fetus, radiography
antenatal diagnosis of diaphragmatic hernia (ab), Bell, Martin J.; Ternberg, Jessie L., **127:** 563, 1978
Fetus, ultrasound studies
antepartum diagnosis of conjoined twins by ultrasonography, Fagan, Charles J., (AJR), **129:** 921, 1977
antepartum findings of conjoined twins (ab), Wilson, Robert L.; Shaub, Michael S.; Cetrulo, Curtis J., **126:** 844, 1978
antepartum ultrasonic diagnosis of congenital hydrocele, Vanesian, Richard; Grossman, Michael; Metherell, Alexander; Flynn, John J.; Louscher, Sheila, **126:** 765, 1978
B-scan and real-time ultrasound in the antepartum diagnosis of conjoined twins and pericardial effusion, Morgan, Carlisle L.; Trought, William S.; Sheldon, Gary; Barton, Thomas K., (AJR), **130:** 578, 1978
duodenal atresia diagnosed by ultrasound, Boychuk, Rodney B.; Lyons, Edward A.; Goodhand, Thomas K., **127:** 500, 1978
extra-amniotic blood clot simulating placenta previa on ultrasound scan (ab), Williams, Charles H.; Van Bergen, William S.; Prentice, Robert L., **126:** 844, 1978
fetal movement patterns: possible means of defining neurologic developmental milestones in utero, Birnholz, Jason C.; Stephens, John C.; Faria, Michael, (AJR), **130:** 537, 1978
gray scale appearance of the normal pregnancy from 4 to 6 weeks of gestation (ab), Ghorashi, Bijan; Gottesfeld, Kenneth R., **126:** 843, 1978
gray scale measurement of biparietal diameter (ab), Lawson, Thomas L.; Albarelli, Judith N.; Greenhouse, Samuel W.; Greenbaum, Leonard D., **126:** 843, 1978
gray-scale ultrasound in tubal pregnancy, Schoenbaum, Stephen; Rosendorf, Leonard; Kappelman, Neil; Rowan, Timothy, **127:** 757, 1978
grey scale ultrasonography in the diagnosis of ectopic pregnancy, Maklad, Nabil F.; Wright, Carl H., **126:** 221, 1978
intrauterine diagnosis of omphalocele, Roberts, Cameron, **127:** 762, 1978
non-invasive measurement of human fetal circulation using ultrasound: new method (ab), Fitzgerald, D. E.; Drumm, J. E., **127:** 857, 1978
prenatal diagnosis of recurrence of Saldino-Noonan dwarfism (ab), Richardson, Miriam M.; Beaudet, Arthur L.; Wagner, Milton L.; Malini, Srini; Rosenberg, Harvey S.; Lucci, Jr., Joseph A., **127:** 853, 1978
prenatal ultrasonographic diagnosis of fetal gastroschisis, Giulian, Bertrand B.; Alvear, Domingo T., **129:** 473, 1978
real-time ultrasound as an aid in intrauterine transfusion, Cooperberg, Peter L.; Carpenter, C. W., **127:** 535, 1978
sonographic appearance of duodenal atresia in utero, Lees, Richard F.; Alford, Bennett A.; Brenbridge, A. Norman A. G.; Buschi, Anthony J.; Williamson, Brian R. J., (AJR), **131:** 701, 1978
ultrasonic imaging of normal intrauterine fetal anatomy (ab), Flanigan, Donald J.; Buttny, June H., **127:** 857, 1978
ultrasound diagnosis of fetal hydrocele, Conrad, Anne R.; Rao, Sheshagiri A. S., **127:** 232, 1978
Fibrodysplasia
See under specific arteries such as Carotid arteries, etc.
Fibroma
bronchopulmonary hamartomas, chondromas, fibromas, and myxomas (ab), Roenspies, U.; Morin, D.; Gloor, E.; von Hochstetter, A. R.; Saegesser, F.; Senning, A., **128:** 565, 1978
fibroma of the heart: review and report of a case in an infant (ab), Brochard, A.; Juif, J.-G.; Pautrat, F., **128:** 853, 1978
isolated mesenteric desmoids (mesenteric fibromatosis) (ab), Sacks, Barry; Joffe, Norman; Harris, Nancy, **129:** 572, 1978
Fibromuscular hyperplasia
See under names of specific arteries such as Carotid artery, etc.
Fibrosis
See Fibrosis, cystic; under names of organs and regions
Fibrosis, cystic
late-onset intestinal obstruction in cystic fibrosis-meconium ileus equivalent (ab), Edge, W. E. B.; Nuss, D.; Loening, W. E. K., **126:** 552, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978
Fibrous dysplasia
See Bones, fibrous dysplasia; Bones, osteochondrodysplasias
Films
See also Radiographs
Mach bands in cine coronary arteriography, Randall, Patricia Ann, **129:** 65, 1978
measurements of reciprocity law failure in green-sensitive x-ray films, Arnold, Ben A.; Eisenberg, Harvey; Bjarngard, Bengt E., **126:** 493, 1978
Filters
reduction of patient exposure by use of heavy elements as radiation filters in diagnostic radiology, Villagran, Jorge E.; Hobbs, Barry B.; Taylor, Kenneth W., **127:** 249, 1978
Fingers and toes
See also Foot; Hand
gamekeeper's thumb: evaluation by arthrography and stress roentgenography (ab), Bowers, William H.; Hurst, Lawrence C., **126:** 279, 1978
Fingers and toes, abnormalities
aglossia-adactylia, Johnson, G. Frank; Robinow, Meinhard, **128:** 127, 1978
female with "Aase syndrome" (ab), van Weel-Sipman, M.; van de Kamp, J. J. P.; de Koning, J., **128:** 571, 1978
idiopathic hypertrophic osteoarthropathy without pachyderma, Bhate, Dharmashi V.; Pizarro, Antonio J.; Greenfield, George B., **129:** 379, 1978
Fingers and toes, injuries
gamekeeper's thumb: evaluation by arthrography and stress roentgenography (ab), Bowers, William H.; Hurst, Lawrence C., **126:** 279, 1978
Fistula, aortoesophageal
aortoesophageal fistula as a complication of aortic prosthetic graft, Seymour, E. Q., (AJR), **131:** 160, 1978
Fistula, arteriovenous
See Malformations, arteriovenous; other subheads under Fistula
echocardiographic assessment of cardiac performance in patients with arteriovenous fistulas (ab), Riley, Jr., Stancel M.; Blackstone, Eugene H.; Sterling, William A.; Diethelm, Arnold G., **128:** 573, 1978
Fistula, carotid-cavernous sinus
traumatic carotid-cavernous sinus fistula (ab), Sofferman, Robert A.; Fabian, Richard L., **128:** 561, 1978
Fistula, cerebrospinal
detection of a cerebrospinal fluid fistula by computed tomography, Levy, Jonathan M.; Christensen, Fred K.; Nykamp, Paul W., (AJR), **131:** 344, 1978
diagnosis of CSF fistulas with rhinorrhea by isotope cisternography (ab), Salar, G.; Carteri, A.; Zampieri, P., **129:** 861, 1978
Fistula, colonic-duodenal
colonic-duodenal fistula in Crohn's disease (ab), Korelitz, Burton I., **127:** 852, 1978
Fistula, esophago-airway
retrotracheal abnormalities in esophageal carcinoma: prognostic implications, Daffner, Richard H.; Postlethwait, R. W.; Putman, Charles E., (AJR), **130:** 719, 1978
Fistula, gastrointestinal
malignant fistulae of the gastrointestinal tract, Martinez, Luis O.; Manheimer, Leon H.; Casal, German L.; Lubin, Jack, (AJR), **131:** 215, 1978
natural history of the double pylorus, Hegedus, Viktor; Poulsen, Poul Ejby; Reichardt, Jens, **126:** 29, 1978
Fistula, hepatoportal
hepatoportal arteriovenous fistula and portal hypertension in an infant (ab), Helikson, M. A.; Shapiro, D. L.; Seashore, J. H., **128:** 274, 1978
Fistula, rectobulbar
anal agenesis with rectobulbar fistula, Currarino, Guido; Votteler, Theodore P.; Kirks, Donald R., **126:** 457, 1978
Fistula, renal
non-neoplastic congenital and acquired renal arteriovenous malformations and fistulas, Cho, Kyung J.; Stanley, James C., **129:** 333, 1978
percutaneous nephrostomy: series and review of the literature, Stables, Derek P.; Ginsberg, Nathan J.; Johnson, Michael L., (AJR), **130:** 75, 1978
traumatic arterio-caliceal fistula, Blackwell, James E.; Potchen, E. J.; Laidlaw, W. William; Paul, Larry H., **129:** 633, 1978
Fistula, subcutaneous hemodialysis
venous angiography and the surgical management of subcutaneous hemodialysis fistulas (ab), Anderson, Charles B.; Gilula, Louis A.; Harter, Herschel R.; Etheredge, Edward E., **128:** 569, 1978
Fistula, surgical
percutaneous nephrostomy: series and review of the literature, Stables, Derek P.; Ginsberg, Nathan J.; Johnson, Michael L., (AJR), **130:** 75, 1978
Fistula, ventricular
contrast echocardiographic findings in an infant with right coronary artery to right ventricular fistula, Brenner, Joel I.; Tompkins, Dorothy G., (AJR), **130:** 983, 1978
Fluoroscopy
See also Radiography
breast cancer in women after repeated fluoroscopic examinations of the chest (ab), Boice, Jr., John D.; Monson, Richard R., **126:** 287, 1978
estimation of breast doses and breast cancer risk associated with repeated fluoroscopic chest examinations of women with tuberculosis (ab), Boice, Jr., John D.; Rosenstein, Marvin; Trout, E. Dale, **128:** 272, 1978
percutaneous punctures: new radiological skill (opin), Sanders, Roger C., **127:** 833, 1978
radiation dose in hysterosalpingography: modern 100mm fluorography *vs.* full-scale radiography, Seppanen, Seppo; Lehtinen, Eero; Holli, Heimo, **127:** 377, 1978
variable aperture fluoroscopic unit for reduced patient exposure, Rossi, Raymond P.; Wesenberg, Richard L.; Hendee, William R., **129:** 799, 1978

Fluoroscopy, indications
chest film detection of coronary artery calcification. value of the CAC triangle, Souza, Jr., Arthur S.; Bream, Peter R.; Elliott, Larry P., **129:** 7, 1978
Fluoroscopy, instrumentation
versatile cinefluorography film marker, Battagin, Robert; Ostlund, James, **127:** 827, 1978
Fluorouracil
gastric ulceration in patients receiving intrahepatic infusion of 5-fluorouracil (ab), Narsete, Thomas; Ansfield, Fred; Wirtanen, George; Ramirez, Guillermo; Wolfberg, William; Jarrett, Fredric, **128:** 276, 1978
Focal spots
application of radiographic magnification technique with an ultra-high-speed rare-earth screen/film system to oral cholecystography, Imhof, Herwig; Doi, Kunio, **129:** 173, 1978
highly accurate focal spot camera—laboratory and field model, Roeck, Werner W.; Milne, Eric N. G., **127:** 779, 1978
Foot
bony proliferation of terminal toe phalanges in psoriasis: "ivory" phalanx (ab), Resnick, Donald; Broderick, Thomas W., **127:** 853, 1978
phlebographic study of the incidence and significance of venous thrombosis in the foot, Lea Thomas, M.; O'Dwyer, J. A., (AJR), **130:** 751, 1978
plantar compartments of the foot: roentgen approach (ab), Feingold, Mitchell L.; Resnick, Donald; Niwayama, Gen; Garetto, Lawrence, **126:** 554, 1978
Foot, fracture
fractures and dislocations of the foot, Rogers, Lee F.; Campbell, Robert E., (SR), **13:** 157, 1978
stress fractures of the first metatarsal, Levy, Jonathan M., (AJR), **130:** 679, 1978
Foot, gangrene
gangrene of the feet associated with mesenteric intraarterial vasopressin, Twiford, Jr., Thomas W.; Granmayeh, Masood; Tucker, Marilyn J., (AJR), **130:** 558, 1978
Foot, neoplasms
lymph drainage from the vulva and the foot as demonstrated by ^{198}Au (ab), Bartholdson, L.; Hultborn, A.; Hulten, L.; Roos, B.; Rosencrantz, M.; Ahren, Chr., **129:** 576, 1978
Foramen, transversarium
anatomical observations of the foramina transversaria (ab), Taitz, C.; Nathan, H.; Arensburg, B., **129:** 567, 1978
Foreign bodies
gossypiboma—the problem of the retained surgical sponge, Williams, R. Gayle; Bragg, David G.; Nelson, James A., **129:** 323, 1978
retrieval of intravascular foreign bodies using a modified bronchoscopic forceps, Millan, Victor G., **129:** 587, 1978
Foreign bodies, in air and food passages
radiolucent esophageal foreign body: often forgotten cause of respiratory symptoms (ab), Newman, Donald E., **129:** 276, 1978
sand aspiration in drowning and near drowning, Bonilla-Santiago, Jaime; Fill, William L., **128:** 301, 1978
Forensic medicine
See Medicolegal problems
Forssell, Gosta
Gosta Forssell (ab), del Regato, J. A., **126:** 556, 1978
Fossa, posterior
See Posterior fossa
Fractionation
See Dosimetry; Radiobiology, time-dose studies; Therapeutic radiology
Fractures
See also under names of individual bones
atlas of simulated fractures, Keats, Theodore E., (SR), **13:** 19, 1978
comparison radiographs in extremity injuries of childhood: current application in radiological practice, Merten, David F., **126:** 209, 1978
decreased ^{99m}Tc sulfur colloid activity in healed rib fractures, Chafetz, Neil; Slivka, Jack; Taylor, Andrew; Alazraki, N. P.; Resnick, Donald; Goergen, Thomas, **126:** 735, 1978
fracture of the occipital condyle, Bolender, Nicole; Cromwell, Laurence D.; Wendling, Lyle, (AJR), **131:** 729, 1978
fractures and dislocations about the shoulder, Pavlov, Helene; Freiberger, Robert H., (SR), **13:** 85, 1978
fractures and dislocations around the adult knee, Subbarao, Kakarla; Jacobson, Harold G., (SR), **13:** 135, 1978
fractures and dislocations of bony pelvis and hip, Thaggard, III, Alvin; Harle, Thomas S.; Carlson, Victor, (SR), **13:** 117, 1978
fractures and dislocations of the elbow, Rogers, Lee F., (SR), **13:** 97, 1978
fractures and dislocations of the hand and wrist, Kaye, Jeremy J., (SR), **13:** 109, 1978
fractures and dislocations of the foot, Rogers, Lee F.; Campbell, Robert E., (SR), **13:** 157, 1978
hangman's fracture subsequent to shaking an infant (ab), McGrory, Bruce E.; Fenichel, Gerald M., **128:** 278, 1978
injury to the male posterior urethra in fractured pelvis: new classification (ab), Colapinto, V.; McCallum, R. W., **126:** 838, 1978
Lisfranc's fracture-dislocation: manifestation of peripheral neuropathy, Giesecke, Susan B.; Dalinka, Murray K.; Kyle, G. Clayton, (AJR), **131:** 139, 1978
osteochondral fractures: mechanisms of injury and fate of fragments, Milgram, James W.; Rogers, Lee F.; Miller, John W., (AJR), **130:** 651, 1978
plastic bowing fracture of the femur in a child, Cail, Wayne S.; Keats, Theodore E.; Sussman, Michael D., (AJR), **130:** 780, 1978
plastic bowing, torus and greenstick supracondylar fractures of the humerus: radiographic clues to obscure fractures of the elbow in children, Rogers, Lee F.; Malave, Jr., Salvador; White, Harvey; Tachdjian, Mihran O., **128:** 145, 1978
problems in pediatric fractures, Silverman, Frederic N., (SR), **13:** 167, 1978
radiologist, the orthopedist, the lawyer, and the fracture, Renner, Robert R.; Mauler, George G.; Ambrose, J. Lee, (SR), **13:** 7, 1978
skeletal aches and pains, Resnick, Donald, (RCNA), **16:** 37, 1978
Fractures, fixation
tumbling bolt: new sign of deep soft-tissue abscess following Richards fixation, Naimark, Allan; Lander, Philip, **129:** 30, 1978
Fractures, pathologic
pathologic fracture in an unusual case of gout, Burnham, John; Fraker, Keith; Steinbach, Howard, (AJR), **129:** 1116, 1977
post-traumatic abnormalities of the pubic bone simulating malignancy, Goergen, Thomas G.; Resnick, Donald; Riley, Richard R., **126:** 85, 1978
Fractures, pseudofractures
gamut: pseudofractures and stress fractures, Grusd, Ronald, (SR), **13:** 81, 1978
Fractures, stress
gamut: pseudofractures and stress fractures, Grusd, Ronald, (SR), **13:** 81, 1978
scintigraphic findings in stress fractures (ab), Prather, Jerry L.; Nusynowitz, Martin L.; Snowdy, Harry A.; Hughes, Alan D.; McCartney, William H.; Bagg, Raymond J., **127:** 860, 1978
stress fractures: current concepts (ab), Daffner, Richard H., **129:** 280, 1978
stress fractures of the first metatarsal, Levy, Jonathan M., (AJR), **130:** 679, 1978
Fractures, therapy
radiologic evaluation of the treatment of nonunion of fractures by electrical stimulation, Forsted, David L.; Dalinka, Murray K.; Mitchell, Eric; Brighton, Carl T.; Alavi, Abass, **128:** 629, 1978
Friedreich ataxia
See Ataxia
Frontal sinus
compound frontal sinus injuries with intracranial penetration (ab), Donald, Paul J.; Bernstein, Leslie, **129:** 846, 1978
Fundoplication
See Esophagus, surgery

G

Gallbladder
See also Bile ducts; Cholecystography
concerning the calcium-milk bile (ab), Schierholt, K. D., **126:** 553, 1978
Gallbladder, air in
air in gallbladder: frequent finding in gallstone ileus, Balthazar, E. J.; Schechter, Lawrence S., (AJR), **131:** 219, 1978
Gallbladder, calculi
air in gallbladder: frequent finding in gallstone ileus, Balthazar, E. J.; Schechter, Lawrence S., (AJR), **131:** 219, 1978
gallstones: in vitro comparison of physical, radiographic, and ultrasonic characteristics, Carroll, Barbara A., (AJR), **131:** 223, 1978
gray scale ultrasonography of the gallbladder: evaluation of accuracy and report of additional ultrasound signs, Anderson, Joseph C.; Harned, Roger K., (AJR), **129:** 975, 1977
primary intrahepatic gallstones (ab), Pridgen, Jr., James E.; Aust, J. Bradley; McInnis, W. David, **127:** 565, 1978
surgical and pathologic correlation of cholecystosonography and cholecystography, Crade, Michael; Taylor, Kenneth J. W.; Rosenfield, Arthur T.; de Graaff, Casper S.; Minihan, Patrick, (AJR), **131:** 227, 1978
ultrasonic diagnosis of cholelithiasis (ab), Holt, Richard W.; Wagner, Robert; Homa, Michael, **129:** 573, 1978
Gallbladder, diseases
cholecystokinin cholecystography in the diagnosis of chronic acalculous cholecystitis and biliary dyskinesia: critical appraisal (ab), Berk, Robert N., **126:** 279, 1978
computed tomography of the gallbladder, Havrilla, Thomas R.; Reich, Norbert E.; Haaga, John R.; Seidelmann, Frank E.; Cooperman, Avram M.; Alfidi, Ralph J., (AJR), **130:** 1059, 1978
gray scale ultrasonography of the gallbladder: evaluation of accuracy and report of additional ultrasound signs, Anderson, Joseph C.; Harned, Roger K., (AJR), **129:** 975, 1977
prolonged gallbladder opacification after oral cholecystography, Koehler, Robert E.; Stanley, Robert J.; DiCroce, Joseph, **128:** 601, 1978
Gallbladder, inflammation
gas in the bile ducts (pneumobilia) in emphysematous cholecystitis, Harley, William D.; Kirkpatrick, Robert H.; Ferrucci, Jr., Joseph T., (AJR), **131:** 661, 1978
infusion tomography of the gallbladder in suspected cases of acute cholecystitis (L), Pickleman, Jack, **127:** 555, 1978
infusion tomography of the gallbladder in suspected cases of acute cholecystitis: reply (L), Morin, Martin E.; Baker, Dennis A., **127:** 555, 1978
nonvisualization of the gallbladder by ^{99m}Tc-HIDA cholescintigraphy as evidence of cholecystitis (ab), Pare, P.; Shaffer, E. A.; Rosenthall, L., **128:** 861, 1978
prolonged gallbladder opacification after oral cholecystography, Koehler, Robert E.; Stanley, Robert J.; DiCroce, Joseph, **128:** 601, 1978
radiologic evaluation of acute abdominal pain arising from the alimentary tract, Kelvin, Frederick M.; Rice, Reed P., (RCNA), **16:** 25, 1978
Gallbladder, neoplasms
radiotherapy of carcinomas of the extrahepatic biliary system, Pilepich, Miljenko V.; Lambert, Peter M., **127:** 767, 1978
ultrasonic diagnosis of primary carcinoma of the gallbladder, Olken, Sherwin M.; Bledsoe, Raleigh; Newmark, III, Harris, **129:** 481, 1978
Gallbladder, perforation
diagnosis of gangrene and perforation of the gallbladder by endoscopic retrograde cholangiography, Bill, Kazuko; Belber, Joseph P., (AJR), **130:** 67, 1978
Gallbladder, radiography
effect of nonfractionated and fractionated administration of iopanoic acid on gallbladder visualization, Nehen, Anna-Marie; Kruse, Verner, **128:** 605, 1978
infusion tomography of the gallbladder in suspected cases of acute cholecystitis (L), Pickleman, Jack, **127:** 555, 1978
infusion tomography of the gallbladder in suspected cases of acute cholecystitis: reply (L), Morin, Martin E.; Baker, Dennis A., **127:** 555, 1978
preliminary abdominal films in oral cholecystography: are they necessary? Harned, Roger K.; LeVeen, Robert F., (AJR), **130:** 477, 1978
RADIOLOGY OF THE GALLBLADDER AND BILE DUCTS/ SECTION 22 OF Golden's diagnostic radiology (bk rev), Hatfield, Philip M.; Wise, Robert E., Reviewed by Laufer, Igor, **126:** 618, 1978
single dose oral cholecystography, Krook, Peter M.; Bush, Jr., William H., **127:** 643, 1978
Gallbladder, radionuclide studies
diagnosis of hepatobiliary disease by ^{99m}Tc-HIDA cholescintigraphy, Rosenthall, L.; Shaffer, E. A.; Lisbona, R.; Pare, P., **126:** 467, 1978
experimental and clinical trials of new ^{99m}Tc-labeled hepatobiliary agents, Wistow, Brian W.; Subramanian, Gopal; Gagne, George M.; Henderson, Robert W.; McAfee, John G.; Hall, Robert C.; Grossman, Zachary D., **128:** 793, 1978

nonvisualization of the gallbladder by ^{99m}Tc-HIDA cholescintigraphy as evidence of cholecystitis (ab), Pare, P.; Shaffer, E. A.; Rosenthall, L., **128:** 861, 1978

Gallbladder, surgery
fine needle cholangiography in postcholecystectomy patients, Ayre-Smith, Geoffrey, (AJR), **130:** 697, 1978

Gallbladder, ultrasound studies
gray scale ultrasonography of the gallbladder: evaluation of accuracy and report of additional ultrasound signs, Anderson, Joseph C.; Harned, Roger K., (AJR), **129:** 975, 1977
improvement in the ultrasonic evaluation of the gallbladder by using the left lateral decubitus position (ab), Foster, Stanley C.; McLaughlin, Stephen M., **126:** 557, 1978
mucocutaneous lymph node syndrome: report of two cases complicated by gallbladder hydrops and diagnosed by ultrasound (ab), Magilavy, Daniel B.; Speert, David P.; Silver, Terry M.; Sullivan, Donita B., **129:** 860, 1978
surgical and pathologic correlation of cholecystosonography and cholecystography, Crade, Michael; Taylor, Kenneth J. W.; Rosenfield, Arthur T.; de Graaff, Casper S.; Minihan, Patrick, (AJR), **131:** 227, 1978
ultrasonic diagnosis of cholelithiasis (ab), Holt, Richard W.; Wagner, Robert; Homa, Michael, **129:** 573, 1978
ultrasonic diagnosis of primary carcinoma of the gallbladder, Olken, Sherwin M.; Bledsoe, Raleigh; Newmark, III, Harris, **129:** 481, 1978
ultrasonography in the diagnosis of obstructive jaundice (ab), Lapis, James L.; Orlando, Roy C.; Mittelstaedt, Carol A.; Staab, Edward V., **129:** 860, 1978
ultrasound in the investigation of gallbladder disease (ab), Kappelman, Neil B.; Sanders, Roger C., **128:** 574, 1978
ultrasound of false normal oral cholecystogram (ab), DeGraaff, Casper S.; Dembner, Alan G.; Taylor, Kenneth J. W., **129:** 860, 1978

Gallium, radioactive
gallium-67 imaging in abdominal disease, Hauser, Mary F.; Alderson, Philip O., (SNM), **8:** 251, 1978
gallium-67 imaging in the management of Hodgkin's disease and other malignant lymphomas, Turner, David A.; Fordham, Ernest W.; Ali, Amjad; Slayton, Robert E., (SNM), **8:** 205, 1978
mechanisms of localization of gallium-67 in tumors, Larson, Steven M., (SNM), **8:** 193, 1978
medical use of gallium radionuclides: brief history with some comments, Hayes, Raymond L., (SNM), **8:** 183, 1978
role of gallium 67 in inflammatory disease, Staab, Edward V.; McCartney, William H., (SNM), **8:** 219, 1978
use of gallium-67 in pulmonary disorders, Siemsen, Jan K.; Grebe, Siegfried F.; Waxman, Alan D., (SNM), **8:** 235, 1978

Gamekeeper's thumb
See Fingers and toes

Gamma globulins
immunoglobulin deficiency diseases of the intestines (ab), Davis, Tim J.; Berk, Robert N., **126:** 552, 1978

Ganglioneuroma
neural tumors of the thorax: subject review from the AFIP, Reed, James C.; Hallet, Kathleen Kagan; Feigin, David S., **126:** 9, 1978

Gangrene
diagnosis of gangrene and perforation of the gallbladder by endoscopic retrograde cholangiography, Bill, Kazuko; Belber, Joseph P., (AJR), **130:** 67, 1978

Garneau, Jean-Jacques
(obit), **127:** 273, 1978

Gartner's duct
mesonephric duct remnants (Gartner's duct), Wepfer, Joseph F.; Boex, Robert M., (AJR), **131:** 499, 1978

Gasserian ganglion
primary malignant schwannoma of the gasserian ganglion: report of two cases (ab), Hedeman, Lynn S.; Lewinsky, Bernard S.; Lochridge, G. Kress; Trevor, Richard, **129:** 273, 1978

Gastritis
See Stomach, inflammation

Gastroenteritis
See Gastrointestinal tract

Gastroesophageal reflux
See Esophagus, gastroesophageal junction

Gastrografin
See also Contrast media
passage of Gastrografin into the small mesenteric veins during an opaque enema (ab), Boudou, A.; Channarond, J.; Romanet, P.; Herzog, B., **128:** 854, 1978

Gastrointestinal tract
See also Colitis; Colon; Duodenum; Intestines; Pylorus; Radiations, injurious effects; Radiobiology; Stomach
gastrointestinal angiographic findings in systemic amyloidosis, Schroeder, Franz Michael; Miller, Jr., Franklin J.; Nelson, James A.; Rankin, Ronald S., (AJR), **131:** 143, 1978
pulmonary manifestations of acute aspiration of gastric contents, Landay, Michael J.; Christensen, Edward E.; Bynum, Lincoln J., (AJR), **131:** 587, 1978

Gastrointestinal tract, abnormalities
abnormal intestinal motility in gastroschisis, Oh, Kook Sang; Dorst, John P.; Dominguez, Rodrigo; Girdany, Bertram R., **127:** 457, 1978

Gastrointestinal tract, calculi
diagnosis of nonopaque calculi by computed tomography, Segal, Arthur J.; Spataro, Robert F.; Linke, Charles A.; Frank, Irwin N.; Rabinowitz, Ronald, **129:** 447, 1978

Gastrointestinal tract, diseases
eosinophilic gastroenteritis presenting as ileocolitis (ab), Haberkern, Charles M.; Christie, Dennis L.; Haas, Joel E., **129:** 277, 1978
polypoid leukemic infiltration of the large bowel, Rabin, Michael Stanley; Bledin, Anthony Gerald; Lewis, Dorothy, (AJR), **131:** 723, 1978

Gastrointestinal tract, fistula
malignant fistulae of the gastrointestinal tract, Martinez, Luis O.; Manheimer, Leon H.; Casal, German L.; Lubin, Jack, (AJR), **131:** 215, 1978

Gastrointestinal tract, hemorrhage
acute gastrointestinal hemorrhage: changing role of barium examinations, Oddson, Terrence A.; Johnrude, Jr., Irwin S.; Jackson, Donald C.; Rice, Reed P., (RCNA), **16:** 123, 1978
angiodysplasia of the right colon: cause of gastrointestinal bleeding, Baum, Stanley; Athanasoulis, Christos A.; Waltman, Arthur C.; Galdabini, James; Schapiro, Robert H.; Warshaw, Andrew L.; Ottinger, Leslie W., (AJR), **129:** 789, 1977
Crohn's disease presenting with massive lower gastrointestinal hemorrhage, Podolny, Gary A., (AJR), **130:** 368, 1978
gangrene of the feet associated with mesenteric intraarterial vasopressin, Twiford, Jr., Thomas W.; Granmayeh, Masood; Tucker, Marilyn J., (AJR), **130:** 558, 1978
hemosuccus pancreaticus (hemoductal pancreatitis): gastrointestinal hemorrhage due to rupture of a splenic artery aneurysm into the pancreatic duct (ab), Bivins, Brack A.; Sachatello, Charles R.; Chuang, Vincent P.; Brady, Patrick, **129:** 276, 1978
origin of the left gastric artery, Naidich, James B.; Naidich, Thomas P.; Sprayregen, Seymour; Hyman, Roger A.; Pudlowski, Rochelle M.; Stein, Harry L., **126:** 623, 1978
percutaneous transhepatic obliteration of gastroesophageal varices: some technical aspects, Keller, Frederick S.; Dotter, Charles T.; Rosch, Josef, **129:** 327, 1978
rectal bleeding secondary to fecal disimpaction: angiographic diagnosis and treatment, Naderi, Mohammad J.; Bookstein, Joseph J., **126:** 387, 1978
selective massive amyloidosis of the small intestine mimicking multiple tumors, Pandarinath, Gupta S.; Levine, Stephen M.; Sorokin, Jeffrey J.; Jacoby, James H., **129:** 609, 1978
selective transcatheter embolization of the upper gastrointestinal tract: experimental study, Castaneda-Zuniga, Wilfrido R.; Jauregui, Hugo; Rysavy, Joseph; Amplatz, Kurt, **127:** 81, 1978
successful transcatheter Gelfoam embolization of a bleeding cecal vascular ectasia, Sniderman, Kenneth W.; Franklin, Jr., John; Sos, Thomas A., (AJR), **131:** 157, 1978
transcatheter embolization for lower gastrointestinal bleeding, Bookstein, Joseph J.; Naderi, Mohammad J.; Walter, Joseph F., **127:** 345, 1978
transcatheter embolization for treatment of Mallory-Weiss tears of the esophagogastric junction, Carsen, Gregory M.; Casarella, William J.; Spiegel, Richard M., **128:** 309, 1978
transcatheter vascular occlusion therapy with isobutyl 2-cyanoacrylate (Bucrylate) for control of massive upper-gastrointestinal bleeding, Goldman, Martin L.; Freeny, Patrick C.; Tallman, James M.; Galambos, John T.; Bradley, III, Edward L.; Salam, Atef; Oen, Khee-Tiang; Gordon, Ira J.; Mennemeyer, Ralph, **129:** 41, 1978
treatment of gastrointestinal hemorrhage with selective intra-arterial infusion of pitressin (ab), Castaneda-Zuniga, Wilfrido; Reyes, R. Garcia; Amplatz, Kurt, **127:** 567, 1978

Gastrointestinal tract, intubation
tubes (ab), Ingelfinger, Franz J., **128:** 277, 1978

Gastrointestinal tract, neoplasms
accumulation of ^{99m}Tc-diphosphonate in hepatic neoplasm, Ghaed, Nasser; Marsden, Richard J., **126:** 192, 1978
angiography in reticulum cell sarcoma (ab), Albrechtsson, U.; Tylen, U., **126:** 839, 1978
computed tomographic evaluation of disorders affecting the alimentary tract, Kressel, Herbert Y.; Callen, Peter W.; Montagne, Jean-Phillipe; Korobkin, Melvyn; Goldberg, Henry I.; Moss, Albert A.; Arger, Peter H.; Margulis, Alexander R., **129:** 451, 1978
peritoneal mesothelioma, Banner, Marc P.; Gohel, Vijay K., **129:** 637, 1978
polypoid colonic lesions undetected by endoscopy, Miller, Roscoe E.; Lehman, Glen, **129:** 295, 1978
protean gastrointestinal manifestations of metastatic breast carcinoma, Chang, Stanley F.; Burrell, Morton I.; Brand, Myron H.; Garsten, Joel J., **126:** 611, 1978

Gastrointestinal tract, radiation effects
roentgen manifestations of radiation injury to the gastrointestinal tract (ab), Rogers, Lee F.; Goldstein, Harvey M., **127:** 576, 1978

Gastrointestinal tract, radiography
diatrizoate enemas: facts and fallacies of colonic toxicity, Wood, Beverly P.; Katzberg, Richard W.; Ryan, Daniel H.; Karch, Fred E., **126:** 441, 1978
double-blind study of single and double contrast upper gastrointestinal examinations using endoscopy as a control, Montagne, Jean-Philippe; Moss, Albert A.; Margulis, Alexander R., (AJR), **130:** 1041, 1978
double-contrast examination of the postoperative stomach, Gohel, Vijay K.; Laufer, Igor, **129:** 601, 1978
metocyclopromide in gastrointestinal radiology (ab), Ho, C. S.; Rubin, E.; Renouf, J. H. P., **129:** 565, 1978
radiographic diagnosis of shallow gastric ulcers: comparative study of technique, Amaral, Ney M., **129:** 597, 1978
use of pro-banthine to induce gastrointestinal hypotonia, Merlo, Richard B.; Stone, Margie; Baugus, Pat; Martin, Martha, **127:** 61, 1978

Gastroschisis
See also Gastrointestinal tract, abnormalities
prenatal ultrasonographic diagnosis of fetal gastroschisis, Giulian, Bertrand B.; Alvear, Domingo T., **129:** 473, 1978

Gaucher disease
See Bones, primary metabolic abnormalities

Gelfoam
Gelfoam embolization of the kidneys for treatment of malignant hypertension, Adler, Jonathan; Einhorn, Robert; McCarthy, Joseph; Goodman, Alvin; Solangi, Karim; Varanasi, Umanaheswara; Thelmo, William, **128:** 45, 1978
successful transcatheter Gelfoam embolization of a bleeding cecal vascular ectasia, Sniderman, Kenneth W.; Franklin, Jr., John; Sos, Thomas A., (AJR), **131:** 157, 1978
transcatheter Gelfoam embolization of posttraumatic bleeding pseudoaneurysms, Chang, James; Katzen, Barry T.; Sullivan, Kenneth P., (AJR), **131:** 645, 1978
traumatic arterio-caliceal fistula, Blackwell, James E.; Potchen, E. J.; Laidlaw, W. William; Paul, Larry H., **129:** 633, 1978

Genitals
See Genitourinary tract

Genitourinary tract
See also Urinary tract; Urography; and under names of individual genital and urinary organs

Genitourinary tract, neoplasms
Ga-67 citrate imaging in tumors of the genito-urinary tract: report of cooperative study (ab), Sauerbrunn, Bertram J. L.; Andrews, Gould A.; Hubner, Karl F., **129:** 285, 1978

Genitourinary tract, radionuclide studies
Ga-67 citrate imaging in tumors of the genito-urinary tract: report of cooperative study (ab), Sauerbrunn, Bertram J. L.; Andrews, Gould A.; Hubner, Karl F., **129:** 285, 1978

Geode
See Hip, cysts
Germinoma
midline pineal tumors and suprasellar germinomas: highly curable by irradiation, Sung, Duk Il; Harisiadis, Leon; Chang, Chu H., **128:** 745, 1978
Geroderma osteodysplastica
geroderma osteodysplastica: report of two affected families (ab), Hunter, Alasdair G. W.; Martsolf, John T.; Baker, Charles G.; Reed, Martin H., **128:** 568, 1978
Giant cell arteritis
See Arteries, inflammation
Gigantism
hypertension and medullary sponge kidneys in an adolescent with Beckwith-Wiedemann syndrome (ab), Virdis, Raffaele; Drayer, Jan I. M.; Montoliu, Jesus; Levine, Lenore S.; Laragh, John H., **128:** 570, 1978
Glabella-inion line
See Computed tomography, head
Glioblastoma
See Brain neoplasms; Glioma
Glioma
computed tomography in astrocytomas: statistical analysis of the parameters of malignancy and the positive contrast-enhanced CT scan, Butler, Alan R.; Horii, Steven C.; Kricheff, Irvin I.; Shannon, Michael B.; Budzilovich, Gleb N., **129:** 433, 1978
Glomerulonephritis
See Nephritis
Glomus jugulare, neoplasms
glomus jugulare tumors (ab), Cole, James M., **128:** 562, 1978
role of radiation therapy in the treatment of glomus jugulare tumors (ab), Simko, Thomas G.; Griffin, Thomas W.; Gerdes, Arthur J.; Parker, Robert G.; Tesh, Donald W.; Taylor, Willis; Blasko, John C., **129:** 575, 1978
simultaneous recurrent multiple chemodectomas (ab), Casterline, Peter F.; Jacques, Darrell A., **129:** 845, 1978
Glottis
See Larynx
Glucagon
dose response to intramuscular glucagon during hypotonic radiography, Miller, Roscoe E.; Chernish, Stanley M.; Brunelle, Rocco L.; Rosenak, Bernard D., **127:** 49, 1978
double-blind radiographic study of dose response to intravenous glucagon for hypotonic duodenography, Miller, Roscoe E.; Chernish, Stanley M.; Brunelle, Rocco L.; Rosenak, Bernard D., **127:** 55, 1978
Glucagon and diuresis in the treatment of ureteral calculi, Morishima, Michael S.; Ghaed, Nasser, **129:** 807, 1978
use of glucagon in the diagnosis and management of ileocolic intussusception (ab), Hoy, Gregory R.; Dunbar, David; Boles, Jr., E. Thomas, **127:** 565, 1978
use of pro-banthine to induce gastrointestinal hypotonia, Merlo, Richard B.; Stone, Margie; Baugus, Pat; Martin, Martha, **127:** 61, 1978
Glucagonoma
See Pancreas, neoplasms
Goiter
^{131}I thyroid scanning in preoperative diagnosis of mediastinal goiter (ab), Irwin, Richard S.; Braman, Sidney S.; Arvanitidis, Alexander N.; Hamolsky, Milton W., **129:** 861, 1978
Gold, radioactive
complications following parametrial radiogold treatment for cervical carcinoma (ab), Kao, Ming-Shian; Srisuro, Chotchai; Camel, H. Marvin, **128:** 576, 1978
histopathologic studies of the liver following intravenous colloidal ^{198}Au therapy, Nelson, Bill M.; Andrews, Gould A.; Watson, Evelyn E., **127:** 239, 1978
Gorlin cyst
See Maxillary sinus, neoplasms
Gossypiboma
See Foreign bodies
Gout
pathologic fracture in an unusual case of gout, Burnham, John; Fraker, Keith; Steinbach, Howard, (AJR), **129:** 1116, 1977
Granuloma
barium granuloma of the rectum (ab), Broadfoot, E.; Martin, G., **127:** 284, 1978
chest radiograph in Wegener's granulomatosis (ab), Lehmann, H.; Popken, H.; Gross, W. L.; Schlaak, M., **129:** 279, 1978
computer assisted tomography of orbital lesions in Wegener's granulomatosis (ab), Vermess, Michael; Haynes, Barton F.; Fauci, Anthony S.; Wolff, Sheldon M., **128:** 268, 1978
idiopathic midface lesions (ab), Wetmore, Stephen J.; Patz, Charles E., **129:** 851, 1978
occurrence of lung granulomas in patients with stage I sarcoidosis, Rosen, Yale; Amorosa, Judith K.; Moon, Sanggiu; Cohen, Jeffrey; Lyons, Harold A., (AJR), **129:** 1083, 1977
pulmonary granulomas induced by BCG (ab), Au, Francis C.; Webber, Bruce; Rosenberg, Steven A., **129:** 562, 1978
unusual radiographic features of Wegener's granulomatosis, Maguire, Roderick; Fauci, Anthony S.; Doppman, John L.; Wolff, Sheldon M., (AJR), **130:** 233, 1978
unusual renal manifestations of Wegener's granulomatosis: report of two cases (ab), Baker, Stuart B.; Robinson, Dwight R., **129:** 282, 1978
Wegener's granulomatosis in the pediatric age group (ab), Orlowski, James P.; Clough, John D.; Dyment, Paul G., **128:** 280, 1978
Granuloma, eosinophilic
inflammatory fibroid polyp: RPC from the AFIP, Allman, Robert M.; Cavanagh, Richard C.; Helwig, Elson B.; Lichtenstein, Joel E., **127:** 69, 1978
Granulomatosis
See Granuloma
Grendon, David A.
(obit), **129:** 838, 1978
Growth and development
See also Bones, growth and development
hypopituitarism after irradiation in children (ab), Wara, William M.; Richards, Gail E.; Grumbach, Melvin M.; Kaplan, Selna L.; Sheline, Glenn E.; Conte, Felix A., **126:** 846, 1978
lung: its growth and remodeling in health and disease, Reid, Lynne, (AJR), **129:** 777, 1977

H

Hamartoma
bronchopulmonary hamartomas, chondromas, fibromas, and myxomas (ab), Roenspies, U.; Morin, D.; Gloor, E.; von Hochstetter, A. R.; Saegesser, F.; Senning, A., **128:** 565, 1978
hamartoma of the breast: diagnostic observation of 16 cases, Hessler, Christian; Schnyder, Pierre; Ozzello, Luciano, **126:** 95, 1978
intracranial and extracranial neurogenic hamartoma (ab), Gallo, Jr., Anthony E.; Smith, James D., **126:** 547, 1978
radiologic findings of hamartomas of the tuber cinereum and hypothalamus, Lin, Shu-Ren; Bryson, Michael M.; Gobien, Rolf P.; Fitz, Charles R.; Lee, Ya-Yen, **127:** 697, 1978
Hand
See also Extremities; Fingers and toes
hand changes in primary biliary cirrhosis, O'Connell, Denis J.; Marx, William J., **129:** 31, 1978
radiographic findings in Rocky Mountain spotted fever, Lees, Richard F.; Harrison, R. Brent; Williamson, Brian R. J.; Shaffer, Jr., Hubert A., **129:** 17, 1978
xeroradiography of the hand in patients with renal osteodystrophy (ab), Smith, F. W.; Junor, B. J. R., **126:** 279, 1978
Hand, abnormalities
carpal length in children—useful measurement in the diagnosis of rheumatoid arthritis and some congenital malformation syndromes, Poznanski, Andrew K.; Hernandez, Ramiro J.; Guire, Kenneth E.; Bereza, Ulana L.; Garn, Stanley M., **129:** 661, 1978
measurements on hand radiographs from 32 cri-du-chat probands, Fenger, Kirsten; Niebuhr, Erik, **129:** 137, 1978
nevoid basal cell carcinoma syndrome: radiographic manifestations including cystlike lesions of the phalanges, Dunnick, N. Reed; Head, Gordon L.; Peck, Gary L.; Yoder, Frank W., **127:** 331, 1978
Hand, fracture
fractures and dislocations of the hand and wrist, Kaye, Jeremy J., (SR), **13:** 109, 1978
Hand, neoplasms
chondrosarcoma of the bones of the hand (ab), Roberts, P. H.; Price, C. H. G., **126:** 279, 1978
localisation and diagnosis of osteoid osteoma of the carpal area by angiography (ab), Lateur, L.; Baert, A. L., **127:** 281, 1978
neoplastic involvement of terminal digits masquerading clinically as benign disease (ab), Pantoja, Enrique; Cross, Valmore F.; Vitale, Peter; Wendth, Arthur J., **127:** 281, 1978
Hand, prostheses
new concepts in arthroplasty of the hand and wrist (ab), Beckenbaugh, Robert D., **127:** 568, 1978
Hand, radiography
diagnostic value of hand x-rays in Turner's syndrome (ab), Necic, S.; Grant, D. B., **128:** 855, 1978
'pre-erosive' radiologic signs of rheumatoid arthritis in soft tissue radiography of the hands (ab), Makela, P.; Virtama, P., **129:** 281, 1978
Hay, Percy Douglas
(obit), **127:** 835, 1978
Head
See also Brain; Hydrocephalus; Jaws; Skull
Head, abnormalities
proboscis lateralis: case report and embryologic analysis (ab), Rontal, Michael; Durita, G., **127:** 848, 1978
Head, computed tomography
See Computed tomography, head
Head, injuries
compound frontal sinus injuries with intracranial penetration (ab), Donald, Paul J.; Bernstein, Leslie, **129:** 846, 1978
computed tomography in isodense subdural hematoma, Kim, Kwang S.; Hemmati, Masoud; Weinberg, Peter E., **128:** 71, 1978
computed tomography of pediatric head trauma: acute general cerebral swelling, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Bruce, Derek; Dolinskas, Carol; Obrist, Walter; Kuhl, David, **126:** 403, 1978
plea for routine radiographic examination of the cervical spine after head injury (ab), Scher, A. T., **126:** 280, 1978
sign of subarachnoid bleeding on cranial computed tomograms of pediatric head trauma patients, Dolinskas, Carol A.; Zimmerman, Robert A.; Bilaniuk, Larissa T., **126:** 409, 1978
traumatic atlanto-occipital dislocation (ab), Zilch, H., **127:** 281, 1978
traumatic carotid-cavernous sinus fistula (ab), Sofferman, Robert A.; Fabian, Richard L., **128:** 561, 1978
Head, neoplasms
computerized tomography in the evaluation of head and neck lesions (ab), Thawley, Stanley E.; Gado, Mokhtar; Fuller, Thomas R., **129:** 848, 1978
factors leading to delay in the diagnosis and affecting survival of children with head and neck rhabdomyosarcoma (ab), Pratt, Charles B.; Smith, John W.; Woerner, Sarah; Mauer, Alvin M.; Hustu, H. Omar; Johnson, Warren W.; Shanks, Ellen C., **128:** 271, 1978
high-dose rate intracavitary radiation therapy for advanced head and neck tumors (ab), Akanuma, Atsuo, **126:** 844, 1978
incidence of meningeal involvement by rhabdomyosarcoma of the head and neck in children: report of the Intergroup Rhabdomyosarcoma Study (IRS) (ab), Tefft, Melvin; Fernandez, Carlos; Donaldson, Milton; Newton, William; Moon, Thomas E., **129:** 575, 1978
lymphoma of the head and neck (ab), Fierstein, Jeffery F.; Thawley, Stanley E., **129:** 849, 1978
malignant fibrous histiocytoma of the head and neck (ab), Blitzer, Andrew; Lawson, William; Biller, Hugh F., **128:** 563, 1978
orthogonal xeroradiography for ^{125}I seed implantation, Mantravadi, Rao; Liebner, Edwin J.; Ginde, Jayant V.; Haas, Richard E., **127:** 832, 1978
preliminary results using twice-a-day fractionation in the radiotherapeutic management of advanced cancers of the head and neck, Jampolis, Samuel; Pipard, Gudrun; Horiot, Jean-Claude; Bolla, Michel; Le Dorze, Christian, (AJR), **129:** 1091, 1977
Heart
See also Aneurysm; Angiocardiography; Coronary vessels; Embolism; Pericardium; Radiations, injurious effects; Radiobiology; etc.
electrocardiographic changes occurring during barium enema: protective action of beta blockers (ab), Yigitbasi, O.; Sari, S.; Kilicciogly, B.; Nalbantgil, I., **128:** 858, 1978
electrocardiographic response to intravenous urography: prospective evaluation of 275 patients, Stadalnik, Robert C.; Vera, Zakauddin; DaSilva, Olavo; Davies, Richard; Kraus, Jess F.; Mason, Dean T., (AJR), **129:** 825, 1977
Heart, abnormalities
See also Atrial septal defect; Ductus arteriosus; Transposition of great vessels; Ventricular septal defect; etc. and other subheads under Heart

anomalous venous connection from the left atrium to the cardinal venous system: "levoatriocardinal vein", Blieden, Leonard C.; Schneeweiss, Adam; Deutsch, Victor; Neufeld, Henry N., (AJR), **129:** 937, 1977
apex echocardiography: two-dimensional technique for evaluating congenital heart disease (ab), Silverman, Norman H.; Schiller, Nelson B., **128:** 282, 1978
congenital pulmonary atresia with ventricular septal defect: angiographic and surgical correlates, Davis, George D.; Fulton, Richard E.; Ritter, Donald G.; Mair, Douglas D.; McGoon, Dwight C., **128:** 133, 1978
coronary artery anomaly in double-outlet right ventricle, Udoff, Eric J.; Roland, Jean-Michel; White, Jr., Robert I., (AJR), **131:** 710, 1978
idiopathic enlargement of the right atrium (ab), Asayama, Jun; Matsuura, Tohru; Endo, Naoto; Matsukubo, Haruo; Furukawa, Keizo, **126:** 840, 1978
obstruction of the airways by the heart and pulmonary vessels in infants (ab), Cochran, S. T.; Gyepes, M. T.; Smith, L. E., **127:** 850, 1978
reliability and practicality of single crystal echocardiography in the evaluation of single ventricle: angiographic and pathological correlates (ab), Bini, Roberta M.; Bloom, Kenneth R.; Culham, J. A. Gordon; Freedom, Robert M.; Williams, Constance M.; Rowe, Richard D., **127:** 858, 1978
use of saline or blood for ultrasonic detection of a right-to-left intracardiac shunt in the early postoperative patient (ab), Duff, Desmond F.; Gutgesell, Howard P., **127:** 570, 1978

Heart, aneurysm
See Aneurysm, cardiac

Heart, biopsy
doxorubicin cardiomyopathy: evaluation by phonocardiography, endomyocardial biopsy, and cardiac catheterization (ab), Bristow, Michael R.; Mason, Jay W.; Billingham, Margaret E.; Daniels, John R., **128:** 853, 1978

Heart, computed tomography
See Computed tomography, heart

Heart, dilatation
unusual chest x-ray appearances in hypertrophic cardiomyopathy (ab), Chapman, A. H.; Raphael, M. J.; Steiner, R. E.; Oakley, Celia M., **129:** 562, 1978

Heart, diseases
angiographic features of carcinoid heart disease, Holt, R. Gary; Gross, Richard; Carlsson, Erik, **127:** 601, 1978
angiography in the diagnosis of renal allograft dysfunction, Kelley, Michael J.; Huang, Edwin K.; Langou, Rene A., **129:** 1, 1978
assessment of radionuclide angiocardiograms using color/time images, Gates, Gary F., **129:** 483, 1978
atypical chest pain of cardiac and esophageal origin (ab), Henderson, Robert D.; Wigle, E. Douglas; Sample, Karen; Marryatt, Gary, **127:** 850, 1978
biplane angiographic volumetry using the right anterior oblique and half-axial left anterior oblique technique, Als, Ann V.; Paulin, Sven; Aroesty, Julian M., **126:** 511, 1978
cineangiographic study of mitral insufficiency in asymmetric hypertrophic cardiomyopathies (ab), Geschwind, H.; Nitenberg, A.; Carlet, J., **126:** 277, 1978
correlation between intracoronary ^{201}Tl myocardial scanning, coronary angiography and left ventriculography, D'Souza, Vincent J.; Schwartz, Jeffrey S.; Amplatz, Kurt, **127:** 433, 1978
diabetic cardiomyopathy: echocardiographic study of young diabetics (ab), Sanderson, J. E.; Brown, D. J.; Rivellese, A.; Kohner, E., **128:** 282, 1978
edge enhancement of ECG-gated cardiac images using directional masks, Kan, Michael K.; Hopkins, G. Bruce, **127:** 525, 1978
flail mitral valve in rheumatic heart disease (ab), Ogawa, Satoshi; Dupler, Donald A.; Pauletto, Ferrel J.; Chaudry, Khalid R.; Freifus, Leonard S., **129:** 858, 1978
Loeffler's endocarditis presenting as mitral and tricuspid stenosis (ab), Weyman, Arthur E.; Rankin, Robert; King, Harold, **126:** 841, 1978
^{99m}Tc-pyrophosphate imaging in acute pericarditis: clinical and experimental study, Fleg, Jerome L.; Siegel, Barry A.; Williamson, Joseph R.; Roberts, Robert, **126:** 727, 1978
musical murmurs: echo-phonocardiographic study (ab), Venkataraman, Kalyanasundaram; Siegel, Robert; Kim, Sun June; Allen, John W., **128:** 859, 1978
plain film findings of anatomically corrected malposition: its association with juxtaposition of the atrial appendages and right aortic arch, Bream, Peter R.; Elliott, Larry P.; Bargeron, Jr., L. M., **126:** 589, 1978
use of ^{201}thallium for myocardial perfusion imaging in sarcoid heart disease (ab), Buckley, Bernardine H.; Rouleau, Jacques R.; Whittaker, James Q.; Strauss, H. William; Pitt, Bertram, **126:** 286, 1978
utility of contrast echocardiographic techniques in the case of critically ill infants with cardiac and pulmonary disease (ab), Sahn, David J.; Allen, Hugh D.; George, Wendy; Mason, Maris; Goldberg, Stanley J., **127:** 571, 1978

Heart, failure
cardiopulmonary effects of intravenous fluid overload: radiologic manifestations, Westcott, Jack L.; Rudick, Marilyn Goske, **129:** 577, 1978
critical aortic stenosis in neonates, Broderick, Thomas W.; Higgins, Charles B.; Guthaner, Diana F.; Friedman, William F.; Stevenson, James G.; French, James W., **129:** 393, 1978
familial nonobstructive cardiomyopathy with endocardial fibroelastosis beyond infancy (ab), Singh, Amarjit; Doyle, Eugenie F.; Danilowicz, Delores A.; Finegold, Milton J., **128:** 565, 1978
renal uptake of ^{99m}Tc-sulfur colloid in congestive heart failure, Klingensmith, III, William C.; Datu, Jesus A.; Burdick, Duncan C., **127:** 185, 1978
shortness of breath in emergency room patients, Scanlon, Gerald T., (RCNA), **16:** 113, 1978

Heart, flow dynamics
assessment of radionuclide angiocardiograms using color/time images, Gates, Gary F., **129:** 483, 1978
cardiopulmonary effects of intravenous fluid overload: radiologic manifestations, Westcott, Jack L.; Rudick, Marilyn Goske, **129:** 577, 1978
distinguishing ischemic from fibrotic myocardium during ventriculography by means of physiological potentiation, Wolf, Gerald L.; Langer, Alois A.; Shaw, David D.; Baltaxe, Harold A., **126:** 821, 1978

Heart, growth and development
cardiac structure growth pattern determined by echocardiography (ab), Roge, Claude L. L.; Silverman, Norman H.; Hart, Patricia A.; Ray, Rose M., **127:** 858, 1978
echocardiographic measurements in normal subjects: growth related changes that occur between infancy and early adulthood (ab), Henry, Walter L.; Ware, James; Gardin, Julius M.; Hepner, Seymour I.; McKay, Joyce; Weiner, Michael, **127:** 858, 1978

Heart, hernia
cardiac herniation with volvulus after pneumonectomy, Arndt, Rolf D.; Frank, C. Gordon; Schmitz, Alfred L.; Haveson, Samuel B., (AJR), **130:** 155, 1978

Heart, hypertrophy
echocardiographic diagnosis of left ventricular hypertrophy (ab), McFarland, Thomas M.; Alam, Mohsin; Goldstein, Sidney; Pickard, Sol D.; Stein, Paul D., **129:** 284, 1978
familial nonobstructive cardiomyopathy with endocardial fibroelastosis beyond infancy (ab), Singh, Amarjit; Doyle, Eugenie F.; Danilowicz, Delores A.; Finegold, Milton J., **128:** 565, 1978
left ventricular outflow tract obstruction due to systolic anterior motion of the anterior mitral leaflet in patients with concentric left ventricular hypertrophy (ab), Maron, Barry J.; Gottdiener, John S.; Roberts, William C.; Henry, Walter L.; Savage, Daniel D.; Epstein, Stephen E., **128:** 274, 1978
obstructive hypertrophic cardiomyopathy and apical middiastolic murmur (ab), Hall, Ronald R.; Baum, Robert S.; Bryson, A. Laird; Winterscheid, Loren C.; Blackmon, John R., **129:** 284, 1978
primary chylopericardium: role of lymphangiography, Gallant, Thomas E.; Hunziker, Robert J.; Gibson, Thomas C., (AJR), **129:** 1043, 1977
radiographic findings in Rocky Mountain spotted fever, Lees, Richard F.; Harrison, R. Brent; Williamson, Brian R. J.; Shaffer, Jr., Hubert A., **129:** 17, 1978
unusual chest x-ray appearances in hypertrophic cardiomyopathy (ab), Chapman, A. H.; Raphael, M. J.; Steiner, R. E.; Oakley, Celia M., **129:** 562, 1978

Heart, infarction
angiography in the diagnosis of renal allograft dysfunction, Kelley, Michael J.; Huang, Edwin K.; Langou, Rene A., **129:** 1, 1978
noninvasive diagnosis of right ventricular infarction (ab), Sharpe, D. Norman; Botvinick, Elias H.; Shames, David M.; Schiller, Nelson B.; Massie, Barry M.; Chatterjee, Kanu; Parmley, William W., **128:** 274, 1978

Heart, inflammation
echocardiographic observations in opiate addicts with active infective endocarditis: frequency of involvement of the various valves and comparison of echocardiographic features of right- and left-sided cardiac valve endocarditis (ab), Andy, Joseph J.; Sheikh, Mazhar U.; Ali, Nayab; Barnes, Boisey O.; Fox, Lay M.; Curry, Charles L.; Roberts, William C., **126:** 283, 1978
false aneurysms of the left ventricle: identification of distinctive clinical, radiographic, and angiographic features, Higgins, Charles B.; Lipton, Martin J.; Johnson, Allen D.; Peterson, Kirk L.; Vieweg, W. V. R., **127:** 21, 1978

Heart, injuries
false aneurysms of the left ventricle: identification of distinctive clinical, radiographic, and angiographic features, Higgins, Charles B.; Lipton, Martin J.; Johnson, Allen D.; Peterson, Kirk L.; Vieweg, W. V. R., **127:** 21, 1978

Heart, insufficiency
See Heart, failure

Heart, neoplasms
case of the spring season: (angiosarcoma of right atrium with hemorrhagic pulmonary metastases and spontaneous pneumothorax), Starshak, Robert J., (SR), **13:** 83, 1978
echocardiographic evidence of left ventricular tumor in a neonate (ab), Rees, Allan H.; Elbl, Francisco E.; Minhas, Kareem V.; Solinger, Robert E., **128:** 572, 1978
echocardiographic features of right ventricular outflow tumor prolapsing into the pulmonary artery (ab), Nanda, Navin C.; Barold, S. Serge; Gramiak, Raymond; Ong, Ling S.; Heinle, Robert A., **126:** 282, 1978
echocardiography of right ventricular tumors (ab), Ports, Thomas A.; Schiller, Nelson B.; Strunk, Brian L., **126:** 840, 1978
fibroma of the heart: review and report of a case in an infant (ab), Brochard, A.; Juif, J.-G.; Pautrat, F., **128:** 853, 1978
left heart myxomas (ab), Morgan, David L.; Palazola, Joseph; Reed, William; Bell, Hubert H.; Kindred, Lynn H.; Beauchamp, Gary D., **126:** 840, 1978
radiographic spectrum of cardiopulmonary amyloidosis (ab), Himmelfarb, Elliott; Wells, Stanley; Rabinowitz, Jack G., **126:** 549, 1978
right atrial myxoma in a child (ab), Burech, Dennis L.; Teske, Douglas W.; Haynes, Ralph E., **127:** 563, 1978
two-dimensional echocardiographic identification of a right ventricle tumor, Jaffe, C. Carl; Kelley, Michael J.; Taunt, Kathleen A., **129:** 471, 1978
two-dimensional echocardiographic diagnosis of left atrial myxoma (ab), Lappe, Donald L.; Bulkley, Bernadine H.; Weiss, James L., **129:** 859, 1978
Wilms' tumor to the heart: clinical and radiographic evaluation, Slovis, Thomas L.; Cushing, Barbara; Reilly, Bernard J.; Farooki, Zia Q.; Philippart, Arvin I.; Berdon, Walter E.; Baker, David H.; Reed, Joseph O., (AJR), **131:** 263, 1978

Heart, pacemakers
echocardiographic evaluation of septal motion in patients with artificial pacemakers: vectorcardiographic correlations (ab), Zoneraich, Samuel; Zoneraich, Olga; Rhee, Jai J., **128:** 572, 1978
superior vena cava syndrome: complication of transvenous pacemaker implantation, Chamorro, Hector; Rao, Gopal; Wholey, Mark H., **126:** 377, 1978
symptomatic deep venous thrombosis of the arm associated with permanent transvenous pacing electrodes (ab), Williams, Edward H.; Tyers, G. Frank O.; Shaffer, Carolyn Wine, **128:** 853, 1978
ventricular pacemaker wire simulating a right atrial mass (ab), Kendrick, Marvin H.; Harrington, James J.; Sharma, G. V. R. K.; Askenazi, Joseph; Parisi, Alfred F., **127:** 571, 1978

Heart, physiology
development of a method of evaluating cardiac performance using interactive computer graphics, Moore, Richard; Kim, Sung; Beranek, Ivo; Amplatz, Kurt, **127:** 529, 1978

Heart, radiation effects
thoracic effects of therapeutic irradiation for breast carcinoma, Meyer, Jack E., (AJR), **130:** 877, 1978
Heart, radionuclide studies
abnormal peripheral distribution of thallium-201 due to arteriosclerosis, Glass, Edwin C.; DeNardo, Gerald L., (AJR), **131:** 718, 1978
assessment of radionuclide angiocardiograms using color/time images, Gates, Gary F., **129:** 483, 1978
cardiac chamber imaging: a comparison of red blood cells labeled with Tc-99m in vitro and in vivo (ab), Hegge, Frederick N.; Hamilton, Glen W.; Larson, Steven M.; Ritchie, James L.; Richards, Powell, **128:** 284, 1978
correlation between intracoronary ^{201}Tl myocardial scanning, coronary angiography and left ventriculography, D'Souza, Vincent J.; Schwartz, Jeffrey S.; Amplatz, Kurt, **127:** 433, 1978
echocardiography and perfusion scintigraphy in the diagnosis of pulmonary arteriovenous fistula (ab), Lewis, Alan B.; Gates, Gary F.; Stanley, Philip, **128:** 859, 1978
edge enhancement of ECG-gated cardiac images using directional masks, Kan, Michael K.; Hopkins, G. Bruce, **127:** 525, 1978
evaluation of left-ventricular function in normal persons and patients with heart disease (ab), Qureshi, Saeeda; Wagner, Jr., Henry N.; Alderson, Philip O.; Housholder, Daniel F.; Douglass, Kenneth H.; Lotter, Mattheus G.; Nickoloff, Edward L.; Tanabe, Masatada; Knowles, Lloyd G., **128:** 284, 1978
gallium-67 uptake in silent myocardial infarction: case report, Schor, Robert A.; Massie, Barry M.; Botvinick, Elias H.; Shames, David M., **129:** 117, 1978
left-ventricular ejection fraction and segmental wall motion by peripheral first-pass radionuclide angiography (ab), Hecht, Harvey S.; Mirell, Stuart G.; Rolett, Ellis L.; Blahd, William H., **128:** 284, 1978
^{99m}Tc-pyrophosphate imaging in acute pericarditis: clinical and experimental study, Fleg, Jerome L.; Siegel, Barry A.; Williamson, Joseph R.; Roberts, Robert, **126:** 727, 1978
nuclear cardiology: principles and methods (bk rev), Serafini, Aldo N.; Gilson, Albert J.; Smoak, William M., Reviewed by Maynard, C. Douglas, **127:** 726, 1978
quantitative radionuclide angiocardiography in animals with experimental atrial septal defects (ab), Alderson, Philip O.; Guadiani, Vincent A.; Watson, Donald C.; Mendenhall, Karl G.; Donovan, Richard C., **128:** 861, 1978
sensitivity and specificity of thallium-201 perfusion scintigrams under exercise in the diagnosis of coronary artery disease (ab), Verani, Mario S.; Marcus, Melvin L.; Razzak, Muhammad A.; Ehrhardt, James E., **129:** 574, 1978
Heart, rhythm
dissimilar atrial rhythms diagnosed by echocardiography (ab), Procacci, P. M.; Levites, Rafael; Kotler, Morris N.; Anderson, Gary J., **128:** 573, 1978
Heart, size
See Heart, volume
Heart, surgery
echocardiographic and roentgenographic determination of left ventricular size after coronary arterial bypass graft surgery (ab), Righetti, Alberto; Crawford, Michael H.; O'Rourke, Robert A.; Daily, Pat O.; Ross, Jr., John, **126:** 842, 1978
false aneurysms of the left ventricle: identification of distinctive clinical, radiographic, and angiographic features, Higgins, Charles B.; Lipton, Martin J.; Johnson, Allen D.; Peterson, Kirk L.; Vieweg, W. V. R., **127:** 21, 1978
regional ejection fractions in patients with patent and thrombosed grafts after coronary artery vein bypass surgery (ab), Martin, Eric C.; Wixson, David; Baltaxe, Harold A., **126:** 551, 1978
thallium-201 myocardial perfusion scintigrams in the evaluation of aorto-coronary saphenous bypass surgery (ab), Verani, Mario S.; Marcus, Melvin L.; Spoto, George; Rossi, Nicholas P.; Ehrhardt, James C.; Razzak, Muhammad A., **129:** 574, 1978
use of saline or blood for ultrasonic detection of a right-to-left intracardiac shunt in the early postoperative patient (ab), Duff, Desmond F.; Gutgesell, Howard P., **127:** 570, 1978
Heart, tamponade
cardiac tamponade and peripheral eosinophilia in a patient receiving cromolyn sodium (ab), Slater, Eve E., **129:** 283, 1978
echocardiographic study of cardiac tamponade (ab), Settle, Harold P.; Adolph, Robert J.; Fowler, Noble O.; Engel, Peter; Agruss, Neil S.; Levenson, Norman I., **127:** 570, 1978
juvenile rheumatoid arthritis with cardiac tamponade (ab), Majied, H. A.; Kvasnicka, J., **129:** 857, 1978
right ventricular compression as a sign of cardiac tamponade: analysis of echocardiographic ventricular dimensions and their clinical implications (ab), Schiller, Nelson B.; Botvinick, Elias H., **127:** 285, 1978
Heart, ultrasound studies
accuracy of echocardiography in assessing left ventricular dimensions and volume (ab), Bhatt, Dilip R.; Isabel-Jones, Josephine B.; Villoria, Guillermo J.; Nakazawa, Makoto; Yabek, Steven M.; Marks, Richard A.; Jarmakani, Jay M., **128:** 572, 1978
alterations in ventricular mass and performance induced by exercise training in man evaluated by echocardiography (ab), DeMaria, Anthony N.; Neumann, Alexander; Lee, Garrett; Fowler, William; Mason, Dean T., **127:** 858, 1978
apex echocardiography: two-dimensional technique for evaluating congenital heart disease (ab), Silverman, Norman H.; Schiller, Nelson B., **128:** 282, 1978
assessment of the pulmonary vascular bed by echocardiographic right ventricular systolic time intervals (ab), Riggs, Thomas; Hirschfeld, Stephen; Borkat, Gordon; Knoke, James; Liebman, Jerome, **128:** 859, 1978
association between atrial septal defect and prolapse of the tricuspid valve: echocardiographic study (ab), Chandraratna, P. A. N.; Littman, B. B.; Wilson, D., **129:** 284, 1978
cardiac function in the normal newborn: additional information by computer analysis of the M-mode echocardiogram (ab), Sutton, Martin G. St. John; Hagler, Donald J.; Tajik, Abdul J.; Giuliani, Emilio R.; Seward, James B.; Ritter, Donald G.; Ritman, Erik L., **129:** 283, 1978
cardiac manifestations in polymyositis (ab), Gottdiener, John S.; Sherber, Harvey S.; Hawley, Rollin J.; Engel, W. King, **129:** 283, 1978
cardiac size and performance during pregnancy estimated with echocardiography (ab), Rubler, Shirley; Damani, Prabodhkumar M.; Pinto, Edward R., **126:** 843, 1978
cardiac structure growth pattern determined by echocardiography (ab), Roge, Claude L. L.; Silverman, Norman H.; Hart, Patricia A.; Ray, Rose M., **127:** 858, 1978
cardiac tamponade and peripheral eosinophilia in a patient receiving cromolyn sodium (ab), Slater, Eve E., **129:** 283, 1978
clinical echocardiography (bk rev), Nanda, Navin C.; Gramiak, Raymond, Reviewed by King, Donald L., **129:** 750, 1978
continuous ventricular dimension in man during supine exercise and recovery: echocardiographic study (ab), Stein, Richard A.; Michielli, Donald; Fox, Edward L.; Krasnow, Norman, **128:** 572, 1978
contrast echocardiographic findings in an infant with right coronary artery to right ventricular fistula, Brenner, Joel I.; Tompkins, Dorothy G., (AJR), **130:** 983, 1978
cor triatriatum: report of a case in a young adult with special reference to the echocardiographic features and etiology of the systolic murmur (ab), Ehrich, Dennis A.; Vieweg, W. V. R.; Alpert, J. S.; Folkerth, T. L.; Hagan, A. D., **127:** 570, 1978
cross-sectional echocardiographic features of Ebstein's anomaly of the tricuspid valve (ab), Hirschklau, Michael J.; Sahn, David J.; Hagan, Arthur D.; Williams, David E.; Friedman, William F., **126:** 841, 1978
delayed peak of the posterior wall: new echocardiographic index of posterior wall aneurysm (ab), Ogawa, Satoshi; Pauletto, Ferrel J.; Moghadam, A. N.; Akhtar, Riaz A.; Meixell, Linda L., **128:** 572, 1978
determination of right ventricular wall thickness by echocardiogram (ab), Prakash, Ravi; Lindsey, Paul, **128:** 573, 1978
diabetic cardiomyopathy: echocardiographic study of young diabetics (ab), Sanderson, J. E.; Brown, D. J.; Rivellese, A.; Kohner, E., **128:** 282, 1978
displacement of the heart by a giant mediastinal cyst (ab), Koch, Paul C.; Kronzon, Itzhak; Winer, Howard E.; Adams, Peter; Trubek, Max, **126:** 841, 1978
dissimilar atrial rhythms diagnosed by echocardiography (ab), Procacci, P. M.; Levites, Rafael; Kotler, Morris N.; Anderson, Gary J., **128:** 573, 1978
distinctive echocardiographic pattern of posterior wall endocardial motion in aortic stenosis (ab), Sheppard, J. M.; Shah, Abid A.; Sbarbaro, James A.; Brooks, Harold L., **129:** 859, 1978
echocardiographic and clinical correlations in systemic hypertension (ab), Ross, Allan M.; Pisarczyk, Michael J.; Calabresi, Massimo, **129:** 573, 1978
echocardiographic and hemodynamic correlation in transposition of the great arteries (ab), Park, Sang C.; Neches, William H.; Zuberbuhler, J. R.; Mathews, Robert A.; Lenox, Cora C.; Fricker, Frederick J., **127:** 858, 1978
echocardiographic and roentgenographic determination of left ventricular size after coronary arterial bypass graft surgery (ab), Righetti, Alberto; Crawford, Michael H.; O'Rourke, Robert A.; Daily, Pat O.; Ross, Jr., John, **126:** 842, 1978
echocardiographic assessment of the relation between left ventricular wall and cavity dimensions and peak systolic pressure in children with aortic stenosis (ab), Aziz, Kalim U.; van Grondelle, Albertus; Paul, Milton H.; Muster, Alexander J., **127:** 285, 1978
echocardiographic assessment of cardiac structure and function in patients with rheumatoid arthritis (ab), MacDonald, Jr., William J.; Crawford, Michael H.; Klippel, John H.; Zvaifler, Nathan J.; O'Rourke, Robert A., **128:** 283, 1978
echocardiographic assessment of left ventricular outflow tract in d-transposition of the great arteries (ab), Aziz, Kalim U.; Paul, Milton H.; Muster, Alexander J., **128:** 572, 1978
echocardiographic assessment of cardiac performance in patients with arteriovenous fistulas (ab), Riley, Jr., Stancel M.; Blackstone, Eugene H.; Sterling, William A.; Diethelm, Arnold G., **128:** 573, 1978
echocardiographic assessment of pulmonary arterial pressure in children with complete right bundle branch block (ab), Johnson, Gregory L.; Meyer, Richard A.; Korfhagen, Joan; Schwartz, David C.; Kaplan, Samuel, **129:** 283, 1978
echocardiographic diagnosis of atrial septal aneurysm in an infant with hypoplastic right heart syndrome (ab), Sahn, David J.; Allen, Hugh D.; Anderson, Robert; Goldberg, Stanley J., **128:** 282, 1978
echocardiographic diagnosis of left anterior descending coronary artery disease (ab), Joffe, C. David; Brik, Henry; Teichholz, Louis Evan; Herman, Michael V.; Gorlin, Richard, **126:** 282, 1978
echocardiographic diagnosis of left ventricular hypertrophy (ab), McFarland, Thomas M.; Alam, Mohsin; Goldstein, Sidney; Pickard, Sol D.; Stein, Paul D., **129:** 284, 1978
echocardiographic diagnosis of partial pericardial constriction of the left ventricle, D'Cruz, Ivan A.; Levinsky, Richard; Anagnostopoulos, Constantine; Cohen, Howard C., **127:** 755, 1978
echocardiographic diagnosis of rupture of a papillary muscle (ab), Ahmad, Salahuddin; Kleiger, Robert E.; Connors, John; Krone, Ronald, **128:** 282, 1978
echocardiographic differentiation of partial and complete atrioventricular canal (ab), Bass, John L.; Bessinger, Jr., F. Blanton; Lawrence, Cheryl, **129:** 284, 1978
echocardiographic estimation of pulmonary artery pressure in transposition of the great arteries (ab), Gutgesell, Howard P., **129:** 283, 1978
echocardiographic evaluation of septal motion in patients with artificial pacemakers: vectorcardiographic correlations (ab), Zoneraich, Samuel; Zoneraich, Olga; Rhee, Jai J., **128:** 572, 1978
echocardiographic evidence of left ventricular tumor in a neonate (ab), Rees, Allan H.; Elbl, Francisco E.; Minhas, Kareem V.; Solinger, Robert E., **128:** 572, 1978
echocardiographic features of an aneurysm of the left sinus of valsalva (ab), Wong, Bert Y. S.; Bogart, Douglas B.; Dunn, Marvin I., **127:** 859, 1978
echocardiographic features of cor triatriatum (ab), Canedo, Mario I.; Stefadouros, Miltiadis A.; Frank, Martin J.; Moore, H. Victor; Cundey, David W., **126:** 841, 1978

echocardiographic features of right ventricular outflow tumor prolapsing into the pulmonary artery (ab), Nanda, Navin C.; Barold, S. Serge; Gramiak, Raymond; Ong, Ling S.; Heinle, Robert A., **126:** 282, 1978
echocardiographic features of second degree atrioventricular block (ab), D'Cruz, Ivan A.; Prabhu, Ravindra; Cohen, Howard C.; Glick, Gerald, **126:** 840, 1978
echocardiographic features of the interventricular septum in chronic constrictive pericarditis (ab), Candell-Riera, J.; Garcia del Castillo, H.; Permanyer-Miralda, G.; Soler-Soler, J., **129:** 284, 1978
echocardiographic features of the normal and malfunctioning porcine xenograft valve (ab), Chandraratna, P. A. N.; San Pedro, S. B., **129:** 860, 1978
echocardiographic features of total anomalous pulmonary venous connection to the coronary sinus (ab), Orsmond, Garth S.; Ruttenberg, Herbert D.; Bessinger, F. Blanton; Moller, James H., **128:** 573, 1978
echocardiographic features of total anomalous pulmonary venous drainage into the coronary sinus (ab), Aziz, Kalim U.; Paul, Milton H.; Bharati, Saroja; Lev, Maurice; Shannon, Kathleen, **129:** 860, 1978
echocardiographic findings in severe paradoxical pulse due to pulmonary embolization (ab), Winer, Howard; Kronzon, Itzhak; Glassman, Ephraim, **127:** 285, 1978
echocardiographic findings in trained athletes (ab), Howald, H.; Maire, R.; Heierli, B.; Follath, F., **127:** 570, 1978
echocardiographic interpretation in the presence of Swan-Ganz intracardiac catheters (ab), Charuzi, Yzhar; Kraus, Robert; Swan, H. J. C., **127:** 570, 1978
echocardiographic measurements in normal subjects: growth related changes that occur between infancy and early adulthood (ab), Henry, Walter L.; Ware, James; Gardin, Julius M.; Hepner, Seymour I.; McKay, Joyce; Weiner, Michael, **127:** 858, 1978
echocardiographic observations in opiate addicts with active infective endocarditis: frequency of involvement of the various valves and comparison of echocardiographic features of right- and left-sided cardiac valve endocarditis (ab), Andy, Joseph J.; Sheikh, Mazhar U.; Ali, Nayab; Barnes, Boisey O.; Fox, Lay M.; Curry, Charles L.; Roberts, William C., **126:** 283, 1978
echocardiographic study of cardiac dimensions and function in the endurance-trained athlete (ab), Gilbert, Charles A.; Nutter, Donald O.; Felner, Joel M.; Perkins, John V.; Heymsfield, Steven B.; Schlant, Robert C., **126:** 842, 1978
echocardiographic study of cardiac tamponade (ab), Settle, Harold P.; Adolph, Robert J.; Fowler, Noble O.; Engel, Peter; Agruss, Neil S.; Levenson, Norman I., **127:** 570, 1978
echocardiographic tricuspic prolapse and nonejection systolic click (ab), Sasse, Lewis; Froelich, Carla R., **129:** 284, 1978
echocardiography and perfusion scintigraphy in the diagnosis of pulmonary arteriovenous fistula (ab), Lewis, Alan B.; Gates, Gary F.; Stanley, Philip, **128:** 859, 1978
echocardiography in chronic alcoholics following prolonged periods of abstinence (ab), Reeves, William C.; Nanda, Navin C.; Gramiak, Raymond, **129:** 859, 1978
echocardiography in Lutembacher's syndrome (ab), Quash, Joseph A.; Davia, James E.; deCastro, Carlos M.; Bowen, Thomas E.; Green, David C., **127:** 572, 1978
echocardiography in the assessment of ventricular function (ab), Krayenbuhl, H. P.; Turina, J.; Hess, O.; Ettori, F., **127:** 571, 1978
echocardiography of right ventricular tumors (ab), Ports, Thomas A.; Schiller, Nelson B.; Strunk, Brian L., **126:** 840, 1978
echophonocardiographic diagnosis of left ventricular pseudoaneurysm (ab), Mills, Peter G.; Rose, John D.; Brodie, Bruce R.; Delany, David J.; Craige, Ernest, **126:** 841, 1978
effect of phasic respiration on left ventricular dimension and performance in a normal population: an echocardiographic study (ab), Brenner, Joel I.; Waugh, Robert A., **127:** 858, 1978
evaluation of left ventricular size and function by echocardiography: results in normal children (ab), Gutgesell, Howard P.; Paquet, Marc; Duff, Desmond F.; McNamara, Dan G.; Kaufman, Linda, **126:** 841, 1978
hypertrophic cardiomyopathy: heart disease of Friedreich's ataxia (ab), Smith, Eldon R.; Sangalang, Virgilio E.; Heffernan, LeRoy P.; Welch, J. Philip; Flemington, C. Susan, **127:** 572, 1978
idiopathic enlargement of the right atrium (ab), Asayama, Jun; Matsuura, Tohru; Endo, Naoto; Matsukubo, Haruo; Furukawa, Keizo, **126:** 840, 1978
interobserver variability in echocardiography (ab), Vignola, Paul A.; Bloch, Antoine; Kaplan, Alan D.; Walker, Harriet J.; Chiotellis, Philip N.; Myers, Gordon S., **126:** 556, 1978
left heart myxomas (ab), Morgan, David L.; Palazola, Joseph; Reed, William; Bell, Hubert H.; Kindred, Lynn H.; Beauchamp, Gary D., **126:** 840, 1978
left ventricular posterior wall motion in patients with the Wolff-Parkinson-White syndrome (ab), Gimbel, Kenneth S., **128:** 572, 1978
Loeffler's endocarditis presenting as mitral and tricuspid stenosis (ab), Weyman, Arthur E.; Rankin, Robert; King, Harold, **126:** 841, 1978
musical murmurs: echo-phonocardiographic study (ab), Venkataraman, Kalyanasundaram; Siegel, Robert; Kim, Sun June; Allen, John W., **128:** 859, 1978
myocardial perfusion imaging with thallium-201: correlation with coronary arteriography and electrocardiography (ab), Sternberg, Leonard; Wald, Robert W.; Feiglin, David H. I.; Morch, John E., **128:** 860, 1978
new serial contrast technique for assessment of left to right shunting patent ductus arteriosus in the neonate (ab), Allen, Hugh D.; Sahn, David J.; Goldberg, Stanley J., **128:** 281, 1978
new ultrasonic real-time scanner featuring a servo-controlled transducer displaying a sector image, Skolnick, M. Leon; Matzuk, Terrance, **128:** 439, 1978
noninvasive assessment of left ventricular performance in patients with chronic obstructive pulmonary disease (ab), Kling, Lawrence E.; Crawford, Michael H.; MacDonald, Jr., William J.; Schelbert, Heinz; O'Rourke, Robert A.; Moser, Kenneth M., **127:** 571, 1978
noninvasive cardiac evaluation of long-distance runners (ab), Parker, Brent M.; Londeree, Ben R.; Cupp, Gerald V.; Dubiel, Jerzy P., **128:** 573, 1978
obstructive hypertrophic cardiomyopathy and apical middiastolic murmur (ab), Hall, Ronald R.; Baum, Robert S.; Bryson, A. Laird; Winterscheid, Loren C.; Blackmon, John R., **129:** 284, 1978
pathophysiologic assessment of hypertensive heart disease with echocardiography (ab), Dunn, Francis G.; Chandraratna, Premindra; deCarvalho, Jose G. R.; Basta, L.; Frohlich, Edward D., **126:** 283, 1978
pediatric echocardiography (bk rev), Meyer, Richard A.; Korfhagen, Joan, Reviewed by King, Donald L., **126:** 462, 1978
percentage of shortening of the echocardiographic left ventricular dimension: its use in determining ejection fraction and stroke volume (ab), Quinones, Miguel A.; Pickering, Ernest; Alexander, James K., **129:** 859, 1978
posterior left atrial echocardiogram of mitral regurgitation (ab), Patton, R.; Dragatakis, L.; Marpole, D.; Sniderman, A., **129:** 284, 1978
practical echocardiology. ultrasound in medicine series, vol. 1 (bk rev), Roelandt, Jos, Reviewed by Gramiak, Raymond, **126:** 758, 1978
problems in ultrasonic estimates of septal thickness (ab), Allen, John W.; Kim, Sun June; Edmiston, W. Allan; Venkataraman, K., **129:** 859, 1978
pseudoaneurysm of the left ventricle: unusual echocardiographic presentation. review of the literature (ab), Davidson, Kenneth H.; Parisi, Alfred F.; Harrington, James J.; Barsamian, Ernest M.; Fishbein, Michael C., **126:** 282, 1978
real-time cross-sectional echocardiographic diagnosis of coarctation of the aorta: prospective study of echocardiographic-angiographic correlations (ab), Sahn, David J.; Allen, Hugh D.; McDonald, Gail; Goldberg, Stanley J., **127:** 285, 1978
relationship between abnormal echocardiographic septal motion and myocardial perfusion in patients with significant obstruction of the left anterior descending artery (ab), Kolibash, Albert J.; Beaver, Brian M.; Fulkerson, Phillip K.; Khullar, Subhash; Leighton, Richard F., **127:** 286, 1978
relationship between aortic valve closure and aortic root motion: echocardiographic study, Reeves, William C.; Nanda, Navin C.; Gramiak, Raymond, **127:** 751, 1978
reliability and practicality of single crystal echocardiography in the evaluation of single ventricle: angiographic and pathological correlates (ab), Bini, Roberta M.; Bloom, Kenneth R.; Culham, J. A. Gordon; Freedom, Robert M.; Williams, Constance M.; Rowe, Richard D., **127:** 858, 1978
right ventricular compression as a sign of cardiac tamponade: analysis of echocardiographic ventricular dimensions and their clinical implications (ab), Schiller, Nelson B.; Botvinick, Elias H., **127:** 285, 1978
sudden infant death syndrome (SIDS): echocardiographic studies in relatives of infants with SIDS (ab), Maron, Barry J.; Clark, Chester E.; Goldstein, Robert E.; Epstein, Stephen E., **127:** 859, 1978
systolic honks in young children (ab), Felner, Joel M.; Harwood, Suzanne; Mond, Harry; Plauth, William; Brinsfield, Dorothy; Schlant, Robert C., **126:** 283, 1978
two-dimensional echoaortocardiographic approach to dissecting aneurysms of the aorta to prevent false-positive diagnoses, Matsumoto, Masayuki; Matsuo, Hirohide; Ohara, Tatsuhiko; Yoshioka, Yukio; Abe, Hiroshi, **127:** 491, 1978
two-dimensional echocardiographic findings in atrial septal defect (ab), Lieppe, William; Scallion, Ralph; Behar, Victor S.; Kisslo, Joseph A., **126:** 840, 1978
two-dimensional echocardiographic identification of a right ventricle tumor, Jaffe, C. Carl; Kelley, Michael J.; Taunt, Kathleen A., **129:** 471, 1978
two-dimensional echocardiographic diagnosis of left atrial myxoma (ab), Lappe, Donald L.; Bulkley, Bernadine H.; Weiss, James L., **129:** 859, 1978
use of echocardiography in determination of reversible posterior wall asynergy (ab), Morrison, Carol A.; Bodenheimer, Monty M.; Feldman, Michael S.; Banka, Vidya S.; Helfant, Richard H., **127:** 571, 1978
use of saline or blood for ultrasonic detection of a right-to-left intracardiac shunt in the early postoperative patient (ab), Duff, Desmond F.; Gutgesell, Howard P., **127:** 570, 1978
utility of contrast echocardiographic techniques in the case of critically ill infants with cardiac and pulmonary disease (ab), Sahn, David J.; Allen, Hugh D.; George, Wendy; Mason, Maris; Goldberg, Stanley J., **127:** 571, 1978
ventricular pacemaker wire simulating a right atrial mass (ab), Kendrick, Marvin H.; Harrington, James J.; Sharma, G. V. R. K.; Askenazi, Joseph; Parisi, Alfred F., **127:** 571, 1978

Heart, valves
See also under specific valves, as Aortic valve; Mitral valve; Tricuspid valve
echocardiographic features of second degree atrioventricular block (ab), D'Cruz, Ivan A.; Prabhu, Ravindra; Cohen, Howard C.; Glick, Gerald, **126:** 840, 1978

Heart, volume
biplane angiographic volumetry using the right anterior oblique and half-axial left anterior oblique technique, Als, Ann V.; Paulin, Sven; Aroesty, Julian M., **126:** 511, 1978
cardiopulmonary effects of intravenous fluid overload: radiologic manifestations, Westcott, Jack L.; Rudick, Marilyn Goske, **129:** 577, 1978
left atrial dimension on the frontal thoracic radiograph: method for assessing left atrial enlargement, Higgins, Charles B.; Reinke, Robert T.; Jones, Nancy E.; Broderick, Thomas, (AJR), **130:** 251, 1978
measurement of left ventricular cast volume by computed tomography, Lipton, Martin J.; Hayashi, Thomas T.; Boyd, Douglas; Carlsson, Erik, **127:** 419, 1978

Hemangioma
See Angioma

Hemangiopericytoma
angiographic manifestations of soft-tissue and osseous hemangiopericytomas, Yaghmai, Issa, **126:** 653, 1978
hemangiopericytoma-like tumors of the nasal cavity: comparison with hemangiopericytoma of soft tissue (ab), Compagno, John, **129:** 849, 1978
primary orbital hemangiopericytoma: aggressive and potentially malignant neoplasm (ab), Henderson, John W.; Farrow, George M., **129:** 847, 1978

Hematoma
See as hemorrhage under organs and regions, as Brain, hemorrhage
Hematopoietic system
spinal cord compression by extramedullary hematopoiesis in agnogenic myeloid metaplasia, Cromwell, Laurence D.; Kerber, Charles, **128:** 118, 1978
Hematuria
gross hematuria: complication of intrapelvic cement intrusion in total hip replacement, Greenspan, Adam; Norman, Alex, (AJR), **130:** 327, 1978
Hemianopia
See Eyes
Hemobilia
See Bile ducts, hemorrhage
Hemodialysis
angiography of chronic hemodialysis arteriovenous grafts, O'Reilly, R. J.; Hansen, C. C.; Rosental, J. J., (AJR), **130:** 1105, 1978
clinically silent pericardial effusions in patients on long-term hemodialysis: pericardial effusions in hemodialysis (ab), Goldstein, David H.; Nagar, Chander; Srivastava, Narain; Schacht, Richard A.; Ferris, Fred Z.; Flowers, Nancy C., **127:** 563, 1978
ultrasonographic evaluation of vascular access complications, Kottle, Sheldon Paul; Gonzalez, Antonio C.; Macon, Edwin J.; Fellner, Susan K., **129:** 751, 1978
venous angiography and the surgical management of subcutaneous hemodialysis fistulas (ab), Anderson, Charles B.; Gilula, Louis A.; Harter, Herschel R.; Etheredge, Edward E., **128:** 569, 1978
Hemophilia
computerized tomography in the management of intracranial bleeding in hemophilia (ab), Kinney, Thomas R.; Zimmerman, Robert A.; Butler, Regina B.; Gill, Frances M., **127:** 276, 1978
widening of the radial notch of the ulna: new articular change in haemophilia (ab), Perri, Giuseppe, **129:** 566, 1978
Hemoptysis
See Lungs, hemorrhage
Hemorrhage
See under diseases, organs and systems, as Gastrointestinal tract, hemorrhage
Heparin
technetium-labeled heparin: preliminary report of a new radiopharmaceutical with potential for imaging damaged coronary arteries and myocardium (ab), Kulkarni, Padmakar V.; Parkey, Robert W.; Buja, L. Maximilian; Wilson, III, James E.; Bonte, Frederick J.; Willerson, James T., **129:** 574, 1978
Hepatitis
acute pericarditis associated with hepatitis B infection (ab), Adler, Robert; Takahashi, Masato; Wright, Jr., Harry T., **129:** 853, 1978
congenital syphilitic hepatitis: radionuclide study, Gates, Gary F.; Stanley, Philip; Gwinn, John L.; Miller, John H., **128:** 163, 1978
Heredity
See Familial conditions
Hernia
See also Herniography; and under names of organs and regions, as Brain, hernia
Hernia, Bochdalek
two cases of posterolateral congenital diaphragmatic hernia first manifest in adulthood by severe complications (ab), Fingerhut, A.; Pourchet, J.; Pelletier, J. M.; Berteaux, D.; Bourdain, J. L.; Nouailhat, F.; Ronat, R., **128:** 854, 1978
Hernia, diaphragmatic
antenatal diagnosis of diaphragmatic hernia (ab), Bell, Martin J.; Ternberg, Jessie L., **127:** 563, 1978
congenital diaphragmatic hernia associated with homolateral upper limb malformation: study of possible pathogenesis in four cases (ab), McCredie, Janet; Reid, Ian S., **129:** 853, 1978
gastroesophageal reflux in infants and children: correlation of radiological severity and pulmonary pathology, Darling, Donald B.; McCauley, Roy G. K.; Leonidas, John C.; Schwartz, Alan M., **127:** 735, 1978
lung following repair of congenital diaphragmatic hernia (ab), Wohl, Mary Ellen B.; Griscom, N. Thorne; Strieder, Denise J.; Schuster, Samuel R.; Treves, Salvador; Zwerdling, Robert G., **126:** 276, 1978
morphologic analysis of the pulmonary vascular bed in congenital left-sided diaphragmatic hernia (ab), Levin, Daniel L., **129:** 852, 1978
pH-tested reflux without hiatus hernia, Lewicki, Ann M.; Brooks, John R.; Meguid, Michael; Membreno, Alejandro; Kia, Dariush, (AJR), **130:** 43, 1978
rontgencinematography and manometry following Nissen's fundoplication (ab), Punto, L.; Mokka, R. E. M., **128:** 566, 1978
supradiaphragmatic cyst following surgical repair of congenital diaphragmatic hernia, Karasick, Stephen; O'Hara, A. Edward; Karasick, David; Rangarathnam, Candadai S., **129:** 142, 1978
two cases of posterolateral congenital diaphragmatic hernia first manifest in adulthood by severe complications (ab), Fingerhut, A.; Pourchet, J.; Pelletier, J. M.; Berteaux, D.; Bourdain, J. L.; Nouailhat, F.; Ronat, R., **128:** 854, 1978
ulcer of the neck of a hiatus hernia: 8 cases (ab), Viard, H.; Klepping, Cl.; Barault, J.-F.; Cayot, M., **127:** 279, 1978
variable roentgen appearance of traumatic diaphragmatic hernia (ab), Minagi, Hideyo; Brody, William R.; Laing, Faye C., **126:** 276, 1978
Hernia, hiatal
See Hernia, diaphragmatic
Hernia, inguinal
inguinal herniation of the ureter (ab), Morris, L. L.; Caldicott, W. J. H.; Savage, J. P., **127:** 856, 1978
peritoneographic demonstration of femoral hernia, Oh, Kook Sang; Condon, Virgil R.; Dorst, John P.; Grajo, Galterius, **127:** 209, 1978
technique for enhancing the visualization of "peritoneal sacs" during inguinal herniography, Riddlesberger, M. M., **128:** 831, 1978
Hernia, umbilical
transverse colon in adult umbilical hernia, Forrest, John V.; Stanley, Robert J., (AJR), **130:** 57, 1978
Herniography
peritoneographic demonstration of femoral hernia, Oh, Kook Sang; Condon, Virgil R.; Dorst, John P.; Grajo, Galterius, **127:** 209, 1978
Heroin
See Drugs, abuse
Herpes simplex
computed tomography of herpes simplex encephalitis, with clinicopathological correlation, Davis, James M.; Davis, Kenneth R.; Kleinman, George M.; Kirchner, Howard S.; Taveras, Juan M., **129:** 409, 1978
computed tomography of herpes simplex encephalitis, Enzmann, Dieter R.; Ranson, B.; Norman, D.; Talberth, E., **129:** 419, 1978
radionuclide imaging in herpes simplex encephalitis, Karlin, Charles A.; Robinson, Ralph G.; Hinthorn, Daniel R.; Liu, Chien, **126:** 181, 1978
Hibernoma
axillary hibernoma: review of the literature with report of a case examined angiographically, McLane, Robert C.; Meyer, Leslie C., **127:** 673, 1978
Hip, abnormalities
congenital dislocation of the hip: results of early diagnosis and treatment in Malmo (ab), Fredensborg, N., **127:** 567, 1978
Hip, anatomy
adult hip: anatomic study. part I: bony landmarks, Armbuster, Thomas G.; Guerra, Jr., Jose; Resnick, Donald; Goergen, Thomas G.; Feingold, Mitchell L.; Niwayama, Gen; Danzig, Larry A., **128:** 1, 1978
adult hip: anatomic study. part II: soft-tissue landmarks, Guerra, Jr., Jose; Armbuster, Thomas G.; Resnick, Donald; Goergen, Thomas G.; Feingold, Mitchell L.; Niwayama, Gen; Danzig, Larry A., **128:** 11, 1978
Hip, arthritis
adult hip: anatomic study. part I: bony landmarks, Armbuster, Thomas G.; Guerra, Jr., Jose; Resnick, Donald; Goergen, Thomas G.; Feingold, Mitchell L.; Niwayama, Gen; Danzig, Larry A., **128:** 1, 1978
arthrographic findings in septic arthritis of the hip in infants, Glassberg, Gerald B.; Ozonoff, M. B., **128:** 151, 1978
Hip, arthrography
arthrographic findings in septic arthritis of the hip in infants, Glassberg, Gerald B.; Ozonoff, M. B., **128:** 151, 1978
radiography, radionuclide imaging, and arthrography in the evaluation of total hip and knee replacement, Gelman, Martin I.; Coleman, R. Edward; Stevens, Peter M.; Davey, Bruce W., **128:** 677, 1978
Hip, cysts
subchondral pseudocysts in rheumatoid arthritis, Rennell, Charles; Mainzer, Frank; Multz, Carter V.; Genant, Harry K., (AJR), **129:** 1069, 1977
Hip, diseases
joint space in normal hip radiographs, Fredensborg, Nis; Nilsson, Bo E., **126:** 325, 1978
Hip, dislocations
family with primary protrusio acetabuli (ab), D'Arcy, K.; Ansell, B. M.; Bywaters, E. G. L., **128:** 568, 1978
geroderma osteodysplastica: report of two affected families (ab), Hunter, Alasdair G. W.; Martsolf, John T.; Baker, Charles G.; Reed, Martin H., **128:** 568, 1978
Hip, fluid
adult hip: anatomic study. part II: soft-tissue landmarks, Guerra, Jr., Jose; Armbuster, Thomas G.; Resnick, Donald; Goergen, Thomas G.; Feingold, Mitchell L.; Niwayama, Gen; Danzig, Larry A., **128:** 11, 1978
Hip, fracture
fractures and dislocations of bony pelvis and hip, Thaggard, III, Alvin; Harle, Thomas S.; Carlson, Victor, (SR), **13:** 117, 1978
tumbling bolt: new sign of deep soft-tissue abscess following Richards fixation, Naimark, Allan; Lander, Philip, **129:** 30, 1978
Hip, infection
arthrographic findings in septic arthritis of the hip in infants, Glassberg, Gerald B.; Ozonoff, M. B., **128:** 151, 1978
radiologic diagnosis of loosening and infection in hip prostheses (ab), Dussault, Robert G.; Goldman, Amy Beth; Ghelman, Bernard, **126:** 280, 1978
Hip, injuries
adult hip: anatomic study. part I: bony landmarks, Armbuster, Thomas G.; Guerra, Jr., Jose; Resnick, Donald; Goergen, Thomas G.; Feingold, Mitchell L.; Niwayama, Gen; Danzig, Larry A., **128:** 1, 1978
Hip, neoplasms
unusual location of an osteochondroma, Bleshman, Michael H.; Levy, Robert M., **127:** 456, 1978
Hip, prostheses
gross hematuria: complication of intrapelvic cement intrusion in total hip replacement, Greenspan, Adam; Norman, Alex, (AJR), **130:** 327, 1978
radiography, radionuclide imaging, and arthrography in the evaluation of total hip and knee replacement, Gelman, Martin I.; Coleman, R. Edward; Stevens, Peter M.; Davey, Bruce W., **128:** 677, 1978
radiologic diagnosis of loosening and infection in hip prostheses (ab), Dussault, Robert G.; Goldman, Amy Beth; Ghelman, Bernard, **126:** 280, 1978
symposium on total joint replacement. quo vadis (ab), Stauffer, Richard N., **127:** 568, 1978
total hip arthroplasty: editorial comment (ab), Peterson, Lowell F. A., **127:** 568, 1978
Hip, radiography
generalization of Chevrot's method for determining anteversion and cervico-diaphyseal angles, Vanhoutte, Jean J.; Raeside, David E., **128:** 251, 1978
Histiocytoma
See also Bone neoplasms
malignant fibrous histiocytoma of the head and neck (ab), Blitzer, Andrew; Lawson, William; Biller, Hugh F., **128:** 563, 1978
Histiocytosis
histiocytic medullary reticulosis in childhood, Gilsanz, Vicente; Harris, G. B. C., **126:** 463, 1978
Histoplasmosis
histoplasmosis (ab), Goodwin, Jr., Robert A.; Des Prez, Roger M., **129:** 562, 1978
histoplasmosis in immunosuppressed patients (ab), Kauffman, Carol A.; Israel, Karen S.; Smith, James W.; White, Arthur C.; Schwarz, Jan; Brooks, George F., **129:** 857, 1978
HLA-B27
See Immunity
Hodgkin disease
See also Lymphoma
Hodgkin's disease
computed tomographic brain scanning in patients with lymphoma, Brant-Zawadzki, M.; Enzmann, Dieter R., **129:** 67, 1978
contribution of computed tomography to the treatment of lymphomas, Pilepich, M. V.; Rene, J. B.; Munzenrider, John E.; Carter, Barbara L., (AJR), **131:** 69, 1978

Hodgkin's disease, complications
lymph node calcification in Hodgkin's disease after chemotherapy, Bertrand, Margaret; Chen, James T. T.; Libshitz, Herman I., (AJR), **129:** 1108, 1977
Hodgkin's disease, complications and sequelae
lymph node calcification in Hodgkin's disease following irradiation (ab), De Giuli, E.; De Giuli, G., **129:** 576, 1978
Hodgkin's disease, diagnosis
CT-pathologic correlations in Hodgkin's disease and non-Hodgkin's lymphoma, Breiman, Richard S.; Castellino, Ronald A.; Harell, George S.; Marshall, William H.; Glatstein, Eli; Kaplan, Henry S., **126:** 159, 1978
diagnostic tests and Hodgkin's disease: standardized approach to their evaluation (ab), Harris, Jr., John M.; Tang, Douglas B.; Weltz, Martin D., **129:** 571, 1978
Hodgkin's disease, radionuclide diagnosis
gallium-67 imaging in the management of Hodgkin's disease and other malignant lymphomas, Turner, David A.; Fordham, Ernest W.; Ali, Amjad; Slayton, Robert E., (SNM), **8:** 205, 1978
Hodgkin's disease, staging
accuracy of bipedal lymphography in Hodgkin's disease, Kademian, Michael Thomas; Wirtanen, George W., (AJR), **129:** 1041, 1977
CT-pathologic correlations in Hodgkin's disease and non-Hodgkin's lymphoma, Breiman, Richard S.; Castellino, Ronald A.; Harell, George S.; Marshall, William H.; Glatstein, Eli; Kaplan, Henry S., **126:** 159, 1978
Hodgkin's disease stage I and II: comparison between two different treatment policies (ab), Stoffel, Thomas J.; Cox, James D., **126:** 285, 1978
lymphography as a guide during laparotomy in Hodgkin's and non-Hodgkin's lymphomas (ab), Cotman, H. E.; Bloomfield, C. D.; Amplatz, Kurt; Sosin, H.; Kuisk, H.; Levitt, S. H., **129:** 576, 1978
stages IIB and IIIB Hodgkin's disease: results of combined modality treatment (ab), Goodman, Robert; Mauch, Peter; Piro, Anthony; Rosenthal, David; Goldstein, Michael; Tullis, James; Hellman, Samuel, **126:** 285, 1978
Hodgkin's disease, therapeutic radiology
Hodgkin's disease stage I and II: comparison between two different treatment policies (ab), Stoffel, Thomas J.; Cox, James D., **126:** 285, 1978
recurrent spontaneous pneumothorax after radiation therapy to the thorax (ab), Twiford, Thomas W.; Zornoza, Jesus; Libshitz, Herman I., **128:** 287, 1978
residual mediastinal mass following radiation therapy for Hodgkin disease (ab), Katz, M.; Piekarski, J. D.; Bayle-Weisgerber, Ch.; Laval-Jeantet, M.; Teillet, F., **128:** 273, 1978
Hodgkin's disease, therapy
procarbazine lung, Ecker, Martin D.; Jay, Bernard; Keohane, Mary F., (AJR), **131:** 527, 1978
stages IIB and IIIB Hodgkin's disease: results of combined modality treatment (ab), Goodman, Robert; Mauch, Peter; Piro, Anthony; Rosenthal, David; Goldstein, Michael; Tullis, James; Hellman, Samuel, **126:** 285, 1978
Hormones
anti-oestrogen therapy of advanced mammary carcinoma (ab), Westerberg, Helena; Nordenskjold, B.; De Schryver, A.; Notter, G., **126:** 284, 1978
ectopic ACTH production and mediastinal lipomatosis, Drasin, George F.; Lynch, Theodore; Temes, Gerald P., **127:** 610, 1978
syndrome of inappropriate antidiuretic hormone secretion in neonates with pneumothorax or atelectasis (ab), Paxson, Jr., Charles L.; Stoerner, Joan W.; Denson, Susan E.; Adcock, III, Eugene W.; Morriss, Jr., Frank H., **127:** 849, 1978
Howell-Jolly bodies
See Red blood cells
Humerus
acute epitrochlear lymphadenitis (ab), Currarino, G., **127:** 852, 1978
plastic bowing, torus and greenstick supracondylar fractures of the humerus: radiographic clues to obscure fractures of the elbow in children, Rogers, Lee F.; Malave, Jr., Salvador; White, Harvey; Tachdjian, Mihran O., **128:** 145, 1978
radiology of postnatal skeletal development: proximal humerus (ab), Ogden, John A.; Conlogue, Gerald J.; Jensen, Pamela, **129:** 281, 1978
Humerus, cysts
pseudocysts of the humerus, Helms, Clyde A., (AJR), **131:** 287, 1978
Huntington chorea
See Chorea
Hurler disease
See Bones, primary metabolic disorders; Mucopolysaccharidosis
Hyaline membrane disease
See Respiratory distress syndrome
Hydatidiform mole
See Uterus, hydatidiform mole
Hydrocele
ultrasound diagnosis of fetal hydrocele, Conrad, Anne R.; Rao, Sheshagiri A. S., **127:** 232, 1978
Hydrocephalus
achondroplasia and hydrocephalus: computerized tomographic, roentgenographic, and psychometric study (ab), Mueller, S. M.; Bell, W.; Cornell, S.; DeS Hamsher, K.; Dolan, K., **126:** 833, 1978
angiographic demonstration of lupus cerebral phlebitis with communicating hydrocephalus (ab), Kitching, G. B.; Thompson, J. R.; Hasso, A. N.; Hirst, A. E., **128:** 560, 1978
aqueduct stenosis: case review and discussion (ab), McMillan, James J.; Williams, Bernard, **127:** 849, 1978
cerebral blood flow, oxygen utilization, and blood volume in dementia (ab), Grubb, Jr., Robert L.; Raichle, Marcus E.; Gado, Mokhtar H.; Eichling, John O.; Hughes, Charles P., **128:** 270, 1978
cerebrospinal fluid turnover and convexity block in mental impairment: controlled prospective study (ab), Lying-Tunell, Ulla, **126:** 833, 1978
characteristics of calcification in tumors of the pineal gland, Lin, Shu-Ren; Crane, Michael D.; Lin, Zwu-Shin; Bilaniuk, Larissa; Plassche, Jr., Walter M.; Marshall, Larry; Spataro, Robert F., **126:** 721, 1978
computed tomography of the trapped fourth ventricle, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Gallo, Eduardo, (AJR), **130:** 503, 1978
impact of computed tomography on the care of patients with suspected hydrocephalus, Larson, Eric B.; Omenn, Gilbert S.; Magno, Joana, (AJR), **131:** 41, 1978
intraspinal arachnoiditis and hydrocephalus after lumbar myelography using methylglucamine iocarmate (ab), Jensen, T. Staehelin; Hein, O., **129:** 569, 1978
neuroradiological manifestations of intracranial sarcoidosis, Bahr, Albert Lee; Krumholz, Allan; Kristt, Donald; Hodges, III, Fred J., **127:** 713, 1978
normal pressure hydrocephalus: recognition and relationship to neurological abnormalities in Cockayne's syndrome (ab), Brumback, Roger A.; Yoder, Frank W.; Andrews, Alan D.; Peck, Gary L.; Robbins, Jay H., **129:** 272, 1978
nuclear anatomy of diversionary central nervous system shunts in children (ab), Sty, John R.; D'Souza, Bernard J.; Daniels, David, **129:** 861, 1978
pediatric metrizamide CT cisternography: cerebrospinal fluid circulation and hydrocephalus (ab), Drayer, Burton P.; Rosenbaum, Arthur E., **129:** 275, 1978
periventricular lucency in hydrocephalus on computerized tomography (ab), Mori, Koreaki; Murata, Takako; Nakano, Yoshihisa; Handa, Hajime, **127:** 276, 1978
respiratory obstruction and apnea in infants with bilateral abductor vocal cord paralysis, meningomyelocele, hydrocephalus, and Arnold-Chiari malformation (ab), Holinger, Paul C.; Holinger, Lauren D.; Reichart, Timothy J.; Holinger, Paul H., **129:** 560, 1978
sequential computerized axial tomography in tuberculous meningitis (ab), Stevens, Dennis L.; Everett, E. Dale, **129:** 848, 1978
tuberous sclerosis: comparison of computed tomography and conventional neuroradiology, Lee, Benjamin C. P.; Gawler, Jeffrey, **127:** 403, 1978
ultrasound diagnosis of cerebrospinal fluid abdominal cyst, Lee, Timothy G.; Parsons, Paul M., **127:** 220, 1978
Hydrocolpos
See Vagina, abnormalities
Hydrometacolpos
See Vagina, abnormalities
Hydromyelia
See Spinal cord
Hydronephritis
pelvi-ureteric obstruction in children (ab), Lees, R. F., **126:** 556, 1978
Hydronephrosis
"crescent sign" in older children (ab), Snobl, O.; Svorc, J., **127:** 856, 1978
hydronephrosis of the lower pole of the duplex kidney: another renal pseudotumor, Nusbacher, Noel; Bryk, David, (AJR), **130:** 967, 1978
renal milk of calcium associated with hydronephrosis, Herman, Richard D.; Leoni, Joseph V.; Matthews, George R., (AJR), **130:** 572, 1978
ultrasonic characteristics of the renal pelvicalyceal echo complex (ab), Sanders, Roger C.; Conrad, Melvyn R., **128:** 283, 1978
Hygroma, subdural
See Meninges, cysts
Hyoscine-N-butylbromide
hyoscine-n-butylbromide (Buscopan) as a duodenal relaxant in tubeless duodenography (ab), Ayre-Smith, G., **126:** 553, 1978
Hyperemia
See Extremities, blood supply
Hyperlipidemia
intra- and extraosseous xanthomata associated with hyperlipidemia, Yaghmai, Issa, **128:** 49, 1978
Hyperlipoproteinemia
See Proteins
Hypernephroma
See Kidney neoplasms
Hyperostosis, infantile cortical
Caffey's disease: case originating in the first metatarsal and review of a 12 year experience, Harris, Vivian J.; Ramilo, Jose, (AJR), **130:** 335, 1978
Hyperparathyroidism
See Parathyroid, hyperparathyroidism
Hyperphosphatasemia
See Blood, phosphatase
Hyperreflexia
angiography in the diagnosis of renal allograft dysfunction (ab), Scher, A. T., **128:** 857, 1978
Hypertension
angiographic findings following surgical treatment for renovascular hypertension, Ekelund, Leif; Gerlock, Jr., James; Goncharenko, Victor; Foster, John, **126:** 345, 1978
case of the fall season (diffuse neurofibromatosis with urinary obstruction, sacral invasion, and hypertension), Myers, H. S., (SR), **12:** 263, 1977
coronary, ventricular, and pulmonary abnormalities associated with rupture of the interventricular septum complicating myocardial infarction, Miller, Stephen W.; Dinsmore, Robert E.; Greene, Reginald E.; Daggett, Willard M., (AJR), **131:** 571, 1978
echocardiographic and clinical correlations in systemic hypertension (ab), Ross, Allan M.; Pisarczyk, Michael J.; Calabresi, Massimo, **129:** 573, 1978
furosemide-augmented intravenous urography: results in essential hypertension, Talner, Lee B.; Stone, Richard A.; Coel, Marc N.; Levy, Steven B.; Emarine, Charles W., (AJR), **130:** 257, 1978
Gelfoam embolization of the kidneys for treatment of malignant hypertension, Adler, Jonathan; Einhorn, Robert; McCarthy, Joseph; Goodman, Alvin; Solangi, Karim; Varanasi, Umanaheswara; Thelmo, William, **128:** 45, 1978
hypertension and medullary sponge kidneys in an adolescent with Beckwith-Wiedemann syndrome (ab), Virdis, Raffaele; Drayer, Jan I. M.; Montoliu, Jesus; Levine, Lenore S.; Laragh, John H., **128:** 570, 1978
new, simple test for renin sampling, D'Souza, Vincent J.; Tobian, Louis; Formanek, Augustin; Castaneda-Zuniga, Wilfrido R.; Gomes, Antoinette S.; Moore, Richard; Amplatz, Kurt, **129:** 351, 1978
pathophysiologic assessment of hypertensive heart disease with echocardiography (ab), Dunn, Francis G.; Chandraratna, Premindra; deCarvalho, Jose G. R.; Basta, L.; Frohlich, Edward D., **126:** 283, 1978
pseudo-dysplasia of the renal artery as a cause of hypertension in renal transplant recipients (ab), Baert, A. L.; van Damme, B.; Michielsen, P.; Gruwez, J., **126:** 282, 1978
renal artery lesions after pyelolithotomy: potential cause of renovascular hypertension (ab), Andersson, Ingvar, **126:** 556, 1978
renal cortical blood flow and angiography in low- and normal-renin essential hypertension (ab), Case, David B.; Casarella, William J.; Laragh, John H.; Fowler, Deborah L.; Cannon, Paul J., **128:** 569, 1978
renal vasculature in essential hypertension: racial differences (ab), Levy, Steven B.; Talner, Lee B.; Coel, Marc N.; Holle, Rolf; Stone, Richard A., **128:** 570, 1978

renal vein renin in the hypertension of unilateral reflux nephropathy (ab), Bailey, R. R.; McCrea, C. U.; Mailing, T. M. J.; Tisch, G.; Little, P. J., **129:** 570, 1978
renovascular hypertension in children and adolescents, Stanley, Philip; Gyepes, Michael T.; Olson, David L.; Gates, Gary F., **129:** 123, 1978
right posterior oblique: projection of choice in aortography of hypertensive patients, Gerlock, Jr., A. James; Goncharenko, Victor; Sloan, Oplis M., **127:** 45, 1978

Hypertension, portal
hemodynamic effects of superior mesenteric arterial and intravenous vasopressin infusions in patients with portal hypertension (ab), Kaufman, Stephen L.; Maddrey, Willis C.; Harrington, Donald P.; White, Jr., Robert I., **126:** 550, 1978

Hyperthermia
hyperthermic tumour-cell devitalization in vivo (ab), Overgaard, K.; Overgaard, J., **127:** 862, 1978
influence of temperature on the activity of ciliated cells during exposure to ionizing radiation (ab), Baldetorp, L.; Hakansson, C. H.; Baldetorp, B., **127:** 861, 1978
local tumor hyperthermia in combination with radiation therapy: I. malignant cutaneous lesions (ab), Kim, Jae Ho; Hahn, Eric W.; Tokita, N.; Nisce, L. Z., **126:** 285, 1978
multiple adjuvant therapy on a murine fibrosarcoma: actinomycin-D, x-irradiation and local tumor hyperthermia, Alfieri, A. A.; Hahn, E. W.; Kim, J. H.; Lehman, D., **129:** 225, 1978
ultrasonic enhancement of cancer radiotherapy, Witcofski, Richard L.; Kremkau, Frederick W., **127:** 793, 1978

Hyperthyroidism
See Thyroid, hyperthyroidism

Hypocalcemia
See Blood, calcium

Hypopharynx
See Pharynx

Hypophosphatasia
See Bones, primary metabolic abnormalities

Hypopituitarism
See Pituitary gland

Hypothalamus
radiologic findings of hamartomas of the tuber cinereum and hypothalamus, Lin, Shu-Ren; Bryson, Michael M.; Gobien, Rolf P.; Fitz, Charles R.; Lee, Ya-Yen, **127:** 697, 1978

Hypothyroidism
See Thyroid, hypothyroidism

Hysterography
See Uterus

Hysterosalpingography
See Uterus, radiography

I

Ileostomy
radiologic evaluation of the continent (Kock) ileostomy, Montagne, Jean-Philippe; Kressel, Herbert Y.; Moss, Albert A.; Schrock, Theodore R., **127:** 325, 1978

Ileum
See Intestines

Ileus
See Intestines, obstruction

Imaging
See Radiographs; Radiography; Radionuclide imaging

Immunity
See also Gamma globulins
effects of negative Pi mesons on immune responses in mice, Carlson, Donald E., **126:** 803, 1978
histoplasmosis in immunosuppressed patients (ab), Kauffman, Carol A.; Israel, Karen S.; Smith, James W.; White, Arthur C.; Schwarz, Jan; Brooks, George F., **129:** 857, 1978
HLA-B27 associated arthropathies, Schumacher, Timothy M.; Genant, Harry K.; Kellet, Michael J.; Mall, Jay C.; Fye, Kenneth H., **126:** 289, 1978
immunopathogenesis of hypersensitivity pneumonitis (ab), Roberts, Ronald C.; Moore, Vernon L., **127:** 562, 1978
interstitial pneumonitis in the immunologically suppressed child: urgent surgical condition (ab), Ballantine, Thomas V. N.; Grosfeld, Jay L.; Knapeck, Richard M.; Baehner, Robert L., **127:** 562, 1978
pathoradiologic correlation of pulmonary candidiasis in immunosuppressed patients (ab), Dubois, Philip J.; Myerowitz, Richard L.; Allen, Chris M., **126:** 834, 1978
relationship between HLA-B27 positive peripheral arthritis and sacroiliitis, Sebes, Jeno I.; Nasrallah, Nabil S.; Rabinowitz, Jack G.; Masi, Alfonse T., **126:** 299, 1978

Immunity, radioimmunoassay
automated data processing and radioassays, Samols, Ellis; Barrows, George H., (SNM), **8:** 163, 1978
radionuclide imaging of metastases from renal-cell carcinoma by ^{131}I-labeled antitumor antibody, Belitsky, Philip; Ghose, Tarun; Aquino, Jose; Tai, Joseph; MacDonald, Alan S., **126:** 515, 1978

Immunoglobulin deficiency syndrome
See Gamma globulins

Immunoglobulins
See Gamma globulins

Infants
See also Children; Infants, newborn; Infants, premature; Pediatric radiology; and under names of diseases and organs, as Brain, abnormalities

Infants, cardiovascular system
angiocardiography of subaortic obstruction in infancy, Freedom, Robert M.; Culham, J. A. G.; Rowe, Richard D., (AJR), **129:** 813, 1977
serial echocardiographic profiles in infants and children with coarctation of the aorta (ab), Wing, Jennifer P.; Findley, William A.; Sahn, David J.; McDonald, Gail; Allen, Hugh D.; Goldberg, Stanley J., **129:** 284, 1978

Infants, central nervous system
radionuclide bolus angiography: technique for verification of brain death in infants and children (ab), Ashwal, Stephen; Smith, Andrew J. K.; Torres, Fernando; Loken, Merle; Chou, Shelley N., **128:** 574, 1978

Infants, digestive system
hepatoportal arteriovenous fistula and portal hypertension in an infant (ab), Helikson, M. A.; Shapiro, D. L.; Seashore, J. H., **128:** 274, 1978
neonatal intramural intestinal calcifications associated with bowel atresia, Aharon, Menucha; Kleinhaus, Uriel; Lichtig, Chaim, (AJR), **130:** 999, 1978
percutaneous cholangiography in infants, Franken, Jr., E. A.; Smith, Wilbur L.; Smith, John A.; Fitzgerald, Joseph F., (AJR), **130:** 1057, 1978

Infants, genitourinary tract
acute nontraumatic genitourinary problems in infants and children, Swischuk, Leonard E., (RCNA), **16:** 147, 1978

Infants, musculoskeletal system
streptococcal skeletal infections: observations in four infants, McCook, Thomas A.; Felman, Alvin H.; Ayoub, Elia, (AJR), **130:** 465, 1978

Infants, newborn
Dominican Republic conjoined twins: ischiopagus, tetrapus, omphalopagus, Rosenberg, Henrietta Kotlus; Spackman, Thomas J.; Chait, Arnold, (AJR), **130:** 921, 1978
simple method of using a shadow gonadal shield with closed incubators, Hernandez, Ramiro; Gutowski, Diana; Poznanski, Andrew K., **128:** 821, 1978

Infants, newborn, cardiovascular system
assessment of the cardiovascular system in conjoined thoracopagus twins (ab), Izukawa, Terro; Kidd, B. S. Langford; Moes, C. A. Fred; Tyrrell, Michael J.; Ives, Elizabeth J.; Simpson, James S.; Shandling, Barry, **127:** 851, 1978
cardiac function in the normal newborn: additional information by computer analysis of the M-mode echocardiogram (ab), Sutton, Martin G. St. John; Hagler, Donald J.; Tajik, Abdul J.; Giuliani, Emilio R.; Seward, James B.; Ritter, Donald G.; Ritman, Erik L., **129:** 283, 1978
critical aortic stenosis in neonates, Broderick, Thomas W.; Higgins, Charles B.; Guthaner, Diana F.; Friedman, William F.; Stevenson, James G.; French, James W., **129:** 393, 1978
echocardiographic diagnosis of bacterial endocarditis of the mitral valve in a neonate (ab), Bender, Robert L.; Jaffe, Richard B.; McCarthy, Dennis; Ruttenberg, Herbert D., **127:** 572, 1978
echocardiographic evidence of left ventricular tumor in a neonate (ab), Rees, Allan H.; Elbl, Francisco E.; Minhas, Kareem V.; Solinger, Robert E., **128:** 572, 1978
neonatal polycythemia and the chest roentgenogram (ab), Lanning, Peter; Kovisto, Maila; Surame, I.; Lanning, Marjatta, **126:** 549, 1978
utility of contrast echocardiographic techniques in the case of critically ill infants with cardiac and pulmonary disease (ab), Sahn, David J.; Allen, Hugh D.; George, Wendy; Mason, Maris; Goldberg, Stanley J., **127:** 571, 1978

Infants, newborn, central nervous system
ventricular opacification after intravascular injections of contrast material, Lee, Benjamin C. P.; Zimmer, Jerald, **128:** 647, 1978

Infants, newborn, digestive system
abnormal intestinal motility in gastroschisis, Oh, Kook Sang; Dorst, John P.; Dominguez, Rodrigo; Girdany, Bertram R., **127:** 457, 1978
bowel stenosis as a late complication of acute necrotizing enterocolitis, Costin, Barbara S.; Singleton, Edward B., **128:** 435, 1978
calcified intraluminal meconium in a female infant with imperforate anus, Selke, Jr., Albert C.; Cowley, Claire Ellen, (AJR), **130:** 786, 1978
ileo-ileal intussusception in the newborn: report of a radiologically diagnosed case (ab), Cipel, L.; Fonkalsrud, E. W.; Gyepes, M. T., **126:** 835, 1978
morphology of the small bowel in atresia and stenosis (ab), Willnow, U., **126:** 277, 1978
neonatal necrotizing enterocolitis: therapeutic decisions based upon clinical staging (ab), Bell, Martin J.; Ternberg, Jessie L.; Feigin, Ralph D.; Keating, James P.; Marshall, Richard; Barton, Leslie; Brotherton, Thomas, **128:** 276, 1978
neonatal small left colon syndrome (ab), Stewart, David R.; Nixon, G. William; Johnson, Dale G.; Condon, Virgil R., **128:** 275, 1978
radiology of neonatal necrotizing enterocolitis (NEC): review of 47 cases and the literature (ab), Daneman, A.; Woodward, S.; de Silva, M., **129:** 854, 1978

Infants, newborn, musculoskeletal system
frequency of radiolucencies underlying cephalohematomas, Harris, Vivian J.; Meeks, Wrophus, **129:** 389, 1978
myotonic dystrophy (Steinert's disease) in the neonate, Chassevent, Jacques; Sauvegrain, Jacques; Besson-Leaud, Marc; Kalifa, Gabriel, **127:** 747, 1978

Infants, newborn, nervous system
symposium on development of the basicranium. DHEW publ. (NIH) 76-989 (bk rev), Bosma, James F., ed., Reviewed by Strand, R.; Gilles, F., **129:** 418, 1978

Infants, newborn, respiratory tract
See also Respiratory distress syndrome
decline and early fall of neonatal pulmonary hemorrhage (ab), Wesenberg, Richard L.; Rumack, Carol M.; Shikes, Robert H., **127:** 277, 1978
fatal neonatal pulmonary candidiasis, Dixon, Brian L.; Houston, C. Stuart, **129:** 132, 1978
gray-scale ultrasonic demonstration of nephrocalcinosis, Cacciarelli, Alexander A.; Young, Norman; Levine, Allan J., **128:** 459, 1978
lobar opacification of the lung after tracheal extubation in neonates (ab), Wyman, Michael L.; Kuhns, Lawrence R., **127:** 277, 1978
morphologic analysis of the pulmonary vascular bed in congenital left-sided diaphragmatic hernia (ab), Levin, Daniel L., **129:** 852, 1978
neonatal pneumonia associated with medium-chain triglyceride feeding supplement (ab), Smith, Roberta M.; Brumley, George W.; Stannard, Michael W., **129:** 852, 1978
obstruction of the airways by the heart and pulmonary vessels in infants (ab), Cochran, S. T.; Gyepes, M. T.; Smith, L. E., **127:** 850, 1978
respiratory obstruction and apnea in infants with bilateral abductor vocal cord paralysis, meningomyelocele, hydrocephalus, and Arnold-Chiari malformation (ab), Holinger, Paul C.; Holinger, Lauren D.; Reichart, Timothy J.; Holinger, Paul H., **129:** 560, 1978
selective bronchial intubation for the treatment of severe localized pulmonary interstitial emphysema in newborn infants (ab), Brooks, John G.; Bustamante, Sergio A.; Koops, Beverly L.; Hilton, Saskia; Cooper, David; Wesenberg, Richard L.; Simmons, Michael A., **127:** 849, 1978
significance of radiographic findings in early-onset group B streptococcal infection (ab), Lilien, Lawrence D.; Harris, Vivian J.; Pildes, Rosita S., **127:** 562, 1978
syndrome of inappropriate antidiuretic hormone secretion in neonates with pneumothorax or atelectasis (ab), Paxson, Jr., Charles L.; Stoerner, Joan W.; Denson, Susan E.; Adcock, III, Eugene W.; Morriss, Jr., Frank H., **127:** 849, 1978

systemic air embolism secondary to respiratory therapy in the neonate: six cases including one survivor, Kogutt, Marvin S., (AJR), **131:** 425, 1978
ventilation-perfusion scans in neonatal regional pulmonary emphysema complicating ventilatory assistance, Leonidas, John C.; Moylan, Fergus M. B.; Kahn, Paul C.; Ramenofsky, Max L., (AJR), **131:** 243, 1978

Infants, newborn, skeletal system
asphyxiating thoracic dysplasia: clinical, radiological, and pathological information on 10 patients (ab), Oberklaid, F.; Danks, D. M.; Mayne, V.; Campbell, P., **127:** 567, 1978

Infants, newborn, urinary tract
gray-scale ultrasonic demonstration of nephrocalcinosis, Cacciarelli, Alexander A.; Young, Norman; Levine, Allan J., **128:** 459, 1978
transient ureteric dilatation in neonates with imperforate anus: report of 4 cases (ab), Rickwood, A. M. K., **128:** 857, 1978

Infants, premature
CT detection and course of intracranial hemorrhage in premature infants, Rumack, Carol M.; McDonald, Marilyn M.; O'Meara, Owen P.; Sanders, Bob B.; Rudikoff, Jeffrey C., (AJR), **131:** 493, 1978

Infants, premature, genitourinary system
gray-scale ultrasonic demonstration of nephrocalcinosis, Cacciarelli, Alexander A.; Young, Norman; Levine, Allan J., **128:** 459, 1978

Infants, premature, respiratory tract
pneumoperitoneum in the extremely low-birth-weight infant: successful nonoperative treatment (ab), Mangurten, Henry H.; Ippoliti, John; Besser, Arthur S., **126:** 275, 1978
rachitic respiratory distress in small preterm infants (ab), Glasgow, J. F. T.; Thomas, P. S., **126:** 549, 1978

Infants, respiratory tract
acute respiratory distress in the infant, Swischuk, Leonard E., (RCNA), **16:** 77, 1978
medial herniation of the parietal pleura: useful sign of pneumothorax in supine neonates, Fletcher, Barry D., (AJR), **130:** 469, 1978
pediatric tracheostomy. II. radiographic features of difficult decannulations, Scott, John R.; Kramer, Sandra S., (AJR), **130:** 893, 1978
pediatric tracheostomy. I. radiographic features of normal healing, Scott, John R.; Kramer, Sandra S., (AJR), **130:** 887, 1978

Infants, urinary tract
transverse folds in the proximal ureter: normal variant in infants, Kirks, Donald R.; Currarino, Guido; Weinberg, Arthur G., (AJR), **130:** 463, 1978
voiding cystourethrography in infants and children: new technique (ab), Cranley, William R.; O'Connor, John F.; Feins, Neil R., **129:** 855, 1978

International Commission on Radiation Units and Measurements (ICRU)
ICRU and ICRP activities are important to radiologists and allied scientists (opin), Wyckoff, Harold O., **129:** 537, 1978
international system of units (SI) (edit), Wyckoff, Harold O., **128:** 833, 1978
report from the International Commission on Radiation Units and Measurements (edit), Wyckoff, Harold O., **127:** 549, 1978

International Commission on Radiological Protection (ICRP)
ICRU and ICRP activities are important to radiologists and allied scientists (opin), Wyckoff, Harold O., **129:** 537, 1978
International Commission on Radiological Protection: 1978 Stockholm meeting (edit), Sowby, F. David, **129:** 533, 1978

Intestinal neoplasms
spontaneous disappearance of gastric polyps: report of four cases, Tsukamoto, Yoshiki; Nishitani, Hiromu; Oshiumi, Yoshihiko; Okawa, Tatsujiro, (AJR), **129:** 893, 1977

Intestinal neoplasms, diagnosis
atypical appearances of benign hyperplastic gastric polyps, Joffe, Norman; Antonioli, Donald A., (AJR), **131:** 147, 1978
radiological characteristics of primary intestinal lymphoma of the "Mediterranean" type: observations on twelve cases, Ramos, L.; Marcos, J.; Illanas, M.; Hernandez-Mora, M.; Perez-Paya, F.; Picouto, J. L.; Santana, P.; Chantar, C., **126:** 379, 1978
selective massive amyloidosis of the small intestine mimicking multiple tumors, Pandarinath, Gupta S.; Levine, Stephen M.; Sorokin, Jeffrey J.; Jacoby, James H., **129:** 609, 1978
small-bowel malabsorption and gastrointestinal malignancy, Collins, Stephen M.; Hamilton, John D.; Lewis, Terence D.; Laufer, Igor, **126:** 603, 1978

Intestines
See also Appendix; Colitis; Colon; Duodenum; Gastrointestinal tract; Intestinal neoplasms; Rectum
barium duodenography as an adjunct to percutaneous transhepatic cholangiography, Jaques, Paul F.; Bream, Charles A., (AJR), **130:** 693, 1978
rectosigmoid pseudostenosis due to urinary retention, Kleinhaus, Uriel; Kaftori, Joseph, **127:** 645, 1978

Intestines, abnormalities
abnormal intestinal motility in gastroschisis, Oh, Kook Sang; Dorst, John P.; Dominguez, Rodrigo; Girdany, Bertram R., **127:** 457, 1978
angiodysplasia of the right colon: cause of gastrointestinal bleeding, Baum, Stanley; Athanasoulis, Christos A.; Waltman, Arthur C.; Galdabini, James; Schapiro, Robert H.; Warshaw, Andrew L.; Ottinger, Leslie W., (AJR), **129:** 789, 1977
ischemic jejunitis and pneumatosis intestinalis secondary to anastomotic obstruction following jejunal atresia repair (ab), Kleinman, Paul L.; King, Denis R., **127:** 565, 1978
morphology of the small bowel in atresia and stenosis (ab), Willnow, U., **126:** 277, 1978
neonatal intramural intestinal calcifications associated with bowel atresia, Aharon, Menucha; Kleinhaus, Uriel; Lichtig, Chaim, (AJR), **130:** 999, 1978

Intestines, abscess
acute appendicitis with abscess simulating carcinoma of the sigmoid, Halls, James M.; Meyers, Harvey I., (AJR), **129:** 1057, 1977

Intestines, angiography
intestinal volvulus: angiographic findings, Kadir, Saadoon; Athanasoulis, Christos A.; Greenfield, Alan J., **128:** 595, 1978

Intestines, atresia
See Intestines, abnormalities

Intestines, blood supply
intestinal volvulus: angiographic findings, Kadir, Saadoon; Athanasoulis, Christos A.; Greenfield, Alan J., **128:** 595, 1978

Intestines, calcification
neonatal intramural intestinal calcifications associated with bowel atresia, Aharon, Menucha; Kleinhaus, Uriel; Lichtig, Chaim, (AJR), **130:** 999, 1978

Intestines, cysts
ischemic jejunitis and pneumatosis intestinalis secondary to anastomotic obstruction following jejunal atresia repair (ab), Kleinman, Paul L.; King, Denis R., **127:** 565, 1978
pneumatosis cystoides coli (ab), Marshak, Richard H.; Lindner, Arthur E.; Maklansky, Daniel, **127:** 565, 1978
pneumatosis cystoides intestinalis and obstructing intussusception in celiac disease (ab), Frank, Paul H.; O'Connell, Denis J., **127:** 565, 1978
pneumatosis intestinalis (ab), Meyers, Morton A.; Ghahremani, Gary G.; Clements, Jr., James L.; Goodman, Kenneth, **127:** 565, 1978
pneumatosis intestinalis associated with fatal childhood dermatomyositis (ab), Fischer, Thomas J.; Cipel, Louis; Stiehm, E. Richard, **128:** 280, 1978

Intestines, diseases
borderlands in the diagnosis of regional enteritis: trends in overdiagnosis and value of therapeutic trial (ab), Chang, Stanley F.; Burrell, Morten I.; Belleza, Norberto A.; Spiro, Howard M., **129:** 276, 1978
cholangiographic abnormalities in patients with inflammatory bowel disease, Rohrmann, Jr., Charles A.; Ansel, Howard J.; Freeny, Patrick C.; Silverstein, Fred E.; Protell, Robert L.; Fenster, L. Frederick; Ball, Terrence; Vennes, Jack A.; Silvis, Stephen E., **127:** 635, 1978
colitis in Behcet's syndrome: two new cases, Goldstein, Steven J.; Crooks, David J. Mackenzie, **128:** 321, 1978
colonic-duodenal fistula in Crohn's disease (ab), Korelitz, Burton I., **127:** 852, 1978
Crohn's disease of the small bowel examined by double contrast technique: comparison with the oral technique (ab), Ekberg, Olle, **126:** 277, 1978
Crohn's disease presenting with massive lower gastrointestinal hemorrhage, Podolny, Gary A., (AJR), **130:** 368, 1978
double contrast barium enema in Crohn's disease and ulcerative colitis, Kelvin, Frederick M.; Oddson, Terrence A.; Rice, Reed P.; Garbutt, John T.; Bradenham, Ben P., (AJR), **131:** 207, 1978
early lesions of Crohn's disease, Laufer, Igor; Costopoulos, Lambros, (AJR), **130:** 307, 1978
filiform polyposis, Zegel, Harry G.; Laufer, Igor, **127:** 615, 1978
focal granulomatous (Crohn's) colitis: radiologic-pathologic correlation (ab), Joffe, Norman; Antonioli, Donald A.; Bettmann, Michael A.; Goldman, Harvey, **129:** 276, 1978
gastric outlet stenosis from Crohn disease (ab), Meissner, H.-J., **126:** 552, 1978
immunoglobulin deficiency diseases of the intestines (ab), Davis, Tim J.; Berk, Robert N., **126:** 552, 1978
ischemic disease of the small bowel and colon associated with oral contraceptives (ab), Ghahremani, Gary G.; Meyers, Morton A.; Farman, Jack; Port, Ronald B., **127:** 566, 1978
persistent loop sign in neonatal necrotizing enterocolitis: a new indication for surgical intervention? Wexler, Howard A., **126:** 201, 1978
radiological manifestations of small intestinal South American blastomycosis, Avritchir, Yeochua; Perroni, Angelo August, **127:** 607, 1978
radiology of neonatal necrotizing enterocolitis (NEC): review of 47 cases and the literature (ab), Daneman, A.; Woodward, S.; de Silva, M., **129:** 854, 1978
retractile mesenteritis: initial presentation as colonic obstruction, Williams, R. Gayle; Nelson, James A., **126:** 35, 1978
selective massive amyloidosis of the small intestine mimicking multiple tumors, Pandarinath, Gupta S.; Levine, Stephen M.; Sorokin, Jeffrey J.; Jacoby, James H., **129:** 609, 1978
small-bowel malabsorption and gastrointestinal malignancy, Collins, Stephen M.; Hamilton, John D.; Lewis, Terence D.; Laufer, Igor, **126:** 603, 1978
spontaneous resolution of colonic strictures caused by necrotizing enterocolitis: therapeutic implications, Tonkin, Ina L. D.; Bjelland, John C.; Hunter, Tim B.; Capp, M. Paul; Firor, Hugh; Ermocilla, Rufino, (AJR), **130:** 1077, 1978
yersinosis in captive exotic mammals (ab), Baskin, B.; Montali, R. J.; Bush, M.; Quan, T. J.; Smith, E., **128:** 277, 1978

Intestines, diverticula
diverticulitis of the cecum: 5 cases of solitary diverticulitis (ab), Bahadoran, H., **126:** 552, 1978
extravasation of contrast material from vascular ectasia of the cecum detected with ^{99m}Tc-pertechnetate, Tavormina, Anthony; Mousavi, Ali; Gordon, David H.; Solomon, Nathan A., **128:** 168, 1978
intraluminal duodenal diverticulum: diagnosis during endoscopic pancreatography, Shenoy, Sadashiv S.; Culver, Gordon J.; Ali, Mir Vilayat, (AJR), **129:** 929, 1977
pentagastrin stimulation of technetium-99m uptake by ectopic gastric muscosa in a Meckel's diverticulum, Treves, Salvador; Grand, Richard J.; Eraklis, Angelo J., **128:** 711, 1978
preoperative diagnosis of a perforated duodenal diverticulum, Glasser, Cary M.; Goldman, Stanford M.; Pio Rhoda, Claro L.; Bronstein, Howard D., (AJR), **130:** 563, 1978

Intestines, gas in
is air in the small intestine abnormal? (ab), Scherrer, A.; Nahum, P.; Nahum, H., **126:** 551, 1978

Intestines, hemorrhage
colitis in Behcet's syndrome: two new cases, Goldstein, Steven J.; Crooks, David J. Mackenzie, **128:** 321, 1978
detection of hemorrhage in a patient with cecal varices using ^{99m}Tc-sulfur colloid, Barry, Jane W.; Engle, Claudette V., **129:** 489, 1978
intraoperative localization of intestinal arteriovenous malformation (ab), Evans, William E.; O'Dorisio, Thomas M.; Molnar, William; Martin, Jr., Edward W.; Wooley, Charles F.; Cooperman, Marc, **128:** 567, 1978
selective massive amyloidosis of the small intestine mimicking multiple tumors, Pandarinath, Gupta S.; Levine, Stephen M.; Sorokin, Jeffrey J.; Jacoby, James H., **129:** 609, 1978
ultrasound diagnosis of intramural intestinal hematoma (ab), Lee, Timothy G.; Brickman, Fred E.; Avecilla, Leonard S., **128:** 282, 1978

Intestines, infarction
^{99m}Tc-pyrophosphate imaging in experimental mesenteric infarction: relationship of tracer uptake to the degree of ischemic injury, Barth, Klemens H.; Alderson, Philip O.; Strandberg, John D.; Strauss, H. William; White, Jr., Robert I., **129:** 491, 1978

Intestines, inflammation
cholangiographic abnormalities in patients with inflammatory bowel disease, Rohrmann, Jr., Charles A.; Ansel, Howard J.; Freeny, Patrick C.; Silverstein, Fred E.; Protell, Robert L.; Fenster, L. Frederick; Ball, Terrence; Vennes, Jack A.; Silvis, Stephen E., **127:** 635, 1978
Intestines, injuries
traumatic mesenteric avulsion: case report of presumed battered child (ab), Fournemont, E., **126:** 552, 1978
Intestines, intubation
easy method for passing an intestinal intubation tube under fluoroscopic guidance, Gelfand, David W., **129:** 532, 1978
selective intubation of the afferent loop, Ho, C. S.; Lipinski, J. K., (AJR), **130:** 481, 1978
Intestines, intussusception
ileo-ileal intussusception in the newborn: report of a radiologically diagnosed case (ab), Cipel, L.; Fonkalsrud, E. W.; Gyepes, M. T., **126:** 835, 1978
Intestines, motility
chronic idiopathic intestinal pseudo-obstruction syndrome in children—clinical characteristics and prognosis (ab), Byrne, William J.; Cipel, Louis; Euler, Arthur R.; Halpin, Thomas C.; Ament, Marvin E., **126:** 278, 1978
Intestines, mucosa
high density, low viscosity barium for fine mucosal detail on double-contrast upper gastrointestinal examinations, Gelfand, David W., (AJR), **130:** 831, 1978
radiographic characteristics of colonic "mucosal bridges": sequelae of inflammatory bowel disease, Hammerman, Albert M.; Shatz, Burton A.; Susman, Noah, **127:** 611, 1978
Intestines, obstruction
air in gallbladder: frequent finding in gallstone ileus, Balthazar, E. J.; Schechter, Lawrence S., (AJR), **131:** 219, 1978
fatty acid enteroliths and intermittent small intestinal obstruction (ab), Hosler, James P.; Hartong, William A.; Moeller, Donald D., **129:** 565, 1978
hepatoportal arteriovenous fistula and portal hypertension in an infant (ab), Helikson, M. A.; Shapiro, D. L.; Seashore, J. H., **128:** 274, 1978
intestinal obstruction caused by an aberrant umbilical vein (ab), Svendsen, Lars Bo; Johansen, T. Staehr; Kristensen, Paul, **127:** 567, 1978
intestinal volvulus: angiographic findings, Kadir, Saadoon; Athanasoulis, Christos A.; Greenfield, Alan J., **128:** 595, 1978
intraluminal calcifications in the small bowel of newborn infants with total colonic aganglionosis, Fletcher, Barry D.; Yulish, Barry S., **126:** 451, 1978
ischemic jejunitis and pneumatosis intestinalis secondary to anastomotic obstruction following jejunal atresia repair (ab), Kleinman, Paul L.; King, Denis R., **127:** 565, 1978
late-onset intestinal obstruction in cystic fibrosis-meconium ileus equivalent (ab), Edge, W. E. B.; Nuss, D.; Loening, W. E. K., **126:** 552, 1978
myxedema pseudoobstruction, Salerno, Nicholas; Grey, Neil, (AJR), **130:** 175, 1978
neonatal small left colon syndrome (ab), Stewart, David R.; Nixon, G. William; Johnson, Dale G.; Condon, Virgil R., **128:** 275, 1978
radiologic evaluation of acute abdominal pain arising from the alimentary tract, Kelvin, Frederick M.; Rice, Reed P., (RCNA), **16:** 25, 1978
radiologic evaluation of the continent (Kock) ileostomy, Montagne, Jean-Philippe; Kressel, Herbert Y.; Moss, Albert A.; Schrock, Theodore R., **127:** 325, 1978
retractile mesenteritis: initial presentation as colonic obstruction, Williams, R. Gayle; Nelson, James A., **126:** 35, 1978
strangulating obstruction of the bowel: reevaluation of radiographic criteria, Bryk, David, (AJR), **130:** 835, 1978
Tween 80/diatrizoate enemas in bowel obstruction, Wood, Beverly P.; Katzberg, Richard W., (AJR), **130:** 747, 1978
Intestines, perforation
cecal perforation associated with Gastrografin enema, Seltzer, Steven E.; Jones, Bronwyn, (AJR), **130:** 997, 1978
malrotation with gastric volvulus, midgut volvulus, and pancreatitis (ab), Dine, Mark S.; Martin, Lester W., **128:** 275, 1978
Intestines, polypi
See Intestinal neoplasms
Intestines, radiation effects
bladder and intestinal injuries following radiation therapy of carcinoma of the uterine cervix (ab), Johnsson, J. E., **126:** 285, 1978
dietary enhancement of intestinal radioresistance during fractionated irradiation, Pageau, Raymond; St-Pierre, Celine, **129:** 205, 1978
Intestines, radiography
Crohn's disease of the small bowel examined by double contrast technique: comparison with the oral technique (ab), Ekberg, Olle, **126:** 277, 1978
double contrast examination of the small bowel (ab), Ekberg, Olle, **126:** 277, 1978
double-contrast radiography of the small intestine (ab), Clement, J. P.; Burelle, H.; Corbeau, A.; Colleter, J. F., **126:** 553, 1978
modifed technique for the double-contrast small bowel enema (ab), Herlinger, Hans, **129:** 564, 1978
Intestines, radionuclide studies
detection of hemorrhage in a patient with cecal varices using ^{99m}Tc-sulfur colloid, Barry, Jane W.; Engle, Claudette V., **129:** 489, 1978
^{99m}Tc-pyrophosphate imaging in experimental mesenteric infarction: relationship of tracer uptake to the degree of ischemic injury, Barth, Klemens H.; Alderson, Philip O.; Strandberg, John D.; Strauss, H. William; White, Jr., Robert I., **129:** 491, 1978
pentagastrin stimulation of technetium-99m uptake by ectopic gastric muscosa in a Meckel's diverticulum, Treves, Salvador; Grand, Richard J.; Eraklis, Angelo J., **128:** 711, 1978
Tc-99m pyridoxylidene glutamate in jaundiced patients (ab), Lubin, E.; Rachima, M.; Oren, V.; Weininger, J.; Trumper, J.; Kozenitzky, I.; Rechnic, Y., **128:** 286, 1978
Intestines, stenosis
ileal loop stenosis: late complication of urinary diversion (ab), Mitchell, M. E.; Yoder, I. C.; Pfister, R. C.; Daly, J.; Althausen, A., **127:** 284, 1978
morphology of the small bowel in atresia and stenosis (ab), Willnow, U., **126:** 277, 1978
spontaneous resolution of colonic strictures caused by necrotizing enterocolitis: therapeutic implications, Tonkin, Ina L. D.; Bjelland, John C.; Hunter, Tim B.; Capp, M. Paul; Firor, Hugh; Ermocilla, Rufino, (AJR), **130:** 1077, 1978
Intestines, surgery
intraoperative localization of intestinal arteriovenous malformation (ab), Evans, William E.; O'Dorisio, Thomas M.; Molnar, William; Martin, Jr., Edward W.; Wooley, Charles F.; Cooperman, Marc, **128:** 567, 1978
ischemic jejunitis and pneumatosis intestinalis secondary to anastomotic obstruction following jejunal atresia repair (ab), Kleinman, Paul L.; King, Denis R., **127:** 565, 1978
methylene blue injection: intraoperative guide in small bowel resection for arteriovenous malformation (ab), Fogler, Richard; Golembe, Edward, **127:** 852, 1978
Intestines, ulcer
See Peptic ulcer
Intestines, ultrasound studies
ultrasonic demonstration of gastric lesions (ab), Mascatello, V. J.; Carrera, G. F.; Telle, R. L.; Berger, M.; Holm, H. H.; Smith, E. H., **128:** 283, 1978
ultrasound diagnosis of intramural intestinal hematoma (ab), Lee, Timothy G.; Brickman, Fred E.; Avecilla, Leonard S., **128:** 282, 1978
Intestines, varices
gastric varices: problem in diagnosis (ab), Marshall, II, Jay P.; Smith, Philip D.; Hoyumpa, Jr., Anastacio M., **128:** 275, 1978
Intestines, vascular malformation
extravasation of contrast material from vascular ectasia of the cecum detected with ^{99m}Tc-pertechnetate, Tavormina, Anthony; Mousavi, Ali; Gordon, David H.; Solomon, Nathan A., **128:** 168, 1978
Intestines, volvulus
intestinal volvulus: angiographic findings, Kadir, Saadoon; Athanasoulis, Christos A.; Greenfield, Alan J., **128:** 595, 1978
malrotation with gastric volvulus, midgut volvulus, and pancreatitis (ab), Dine, Mark S.; Martin, Lester W., **128:** 275, 1978
Intubation
See Trachea; Esophagus, etc.
Intussusception
nonischemic intussusception (ab), Janik, Joseph S., **127:** 566, 1978
pneumatosis cystoides intestinalis and obstructing intussusception in celiac disease (ab), Frank, Paul H.; O'Connell, Denis J., **127:** 565, 1978
reduction of jejunogastric intussusception during upper gastrointestinal examination, Marx, William J., (AJR), **131:** 334, 1978
use of glucagon in the diagnosis and management of ileocolic intussusception (ab), Hoy, Gregory R.; Dunbar, David; Boles, Jr., E. Thomas, **127:** 565, 1978
Ions
introduction to the use of protons and heavy ions in radiation therapy: historical perspective (ab), Boone, Max L.; Lawrence, John H.; Connor, William G.; Morgado, Richard; Hicks, John A.; Brown, Richard C., **129:** 287, 1978
Los Alamos scientific laboratory ion linear accelerator program (ab), Knapp, E. A.; Swenson, D. A., **129:** 287, 1978
present and future sources of protons and heavy ions (ab), Grunder, Hermann A.; Leemann, Christoph W., **129:** 287, 1978
Iopronic acid (Oravue)
See Contrast media
IPPB (intermittent positive pressure breathing)
use of intermittent positive pressure breathing (IPPB) in oblique chest tomography, Dixit, Jagannath K.; Manocha, Kundan L.; Leslie, Charles L.; Hagaman, Francis V.; Howard, Arthur L.; Corry, Donald B., **129:** 234, 1978
Iridium, radioactive
method of increasing the linear activity of ^{192}Ir sources for interstitial implantation, Marks, James E.; Oliver, George D.; Velkley, Donald, **128:** 511, 1978
Islet-cell neoplasm
See Pancreas
Isoniazid
prophylaxis with isoniazid in inactive tuberculosis: Veterans Administration Cooperative Study XII (ab), Falk, Abraham; Fuchs, George, **127:** 850, 1978
Ivory phalanx
See Arthritis, psoriatic

J

James-Swyer syndrome
See Emphysema, pulmonary
Jampel-Schwartz syndrome
See Bones, osteochondrodysplasias
Jaundice
capability of CT body scanning and ultrasonography to demonstrate the status of the biliary ductal system in patients with jaundice, Goldberg, Henry I.; Filly, Roy A.; Korobkin, Melvyn; Moss, Albert A.; Kressel, Herbert Y.; Callen, Peter W., **129:** 731, 1978
computed tomographic diagnosis of obstructive jaundice in the absence of intrahepatic ductal dilatation, Shanser, Jon D.; Korobkin, Melvyn; Goldberg, Henry I.; Rohlfing, Barbara M., (AJR), **131:** 389, 1978
computed tomography and radionuclide imaging of the liver: comparative evaluation, Biello, Daniel R.; Levitt, Robert G.; Siegel, Barry A.; Sagel, Stuart S.; Stanley, Robert J., **127:** 159, 1978
dilated pancreatic duct: ultrasonic evaluation, Gosink, Barbara B.; Leopold, George R., **126:** 475, 1978
evaluation of cholestatic jaundice by computed tomography (ab), DiGiacomo, Jr., P. J.; Laborda, O. E.; Stein, G. N.; Sheer, III, G. W.; Herrera, A. F., **128:** 567, 1978
granulomatous biliary obstruction due to sarcoidosis: report of a case and review of the literature (ab), Bloom, Robert; Sybert, Allender; Mascatello, V. J., **128:** 853, 1978
gray-scale ultrasonography and thin-needle cholangiography: evaluation in the jaundiced patient (ab), Goldstein, Leonard I.; Sample, William F.; Kadell, Barbara M.; Weiner, Marvin, **126:** 557, 1978
gray-scale ultrasonography of the jaundiced patient, Sample, W. Frederick; Sarti, D. A.; Goldstein, L. I.; Weiner, M.; Kadell, B. M., **128:** 719, 1978
grey-scale ultrasonography in the differential diagnosis of jaundice (ab), Taylor, Kenneth J. W.; Rosenfield, Arthur T., **126:** 557, 1978
hepato-biliary scintigraphy and hepatography with 99mTc diethyl-acetanilido-iminodiacetate in obstructive jaundice (ab), Nielsen, S. Pors; Trap-Jensen, J.; Lindenberg, J.; Nielsen, M. Lykkegard, **129:** 285, 1978
high-resolution real-time ultrasound in the evaluation of the normal and obstructed biliary tract, Cooperberg, Peter L., **129:** 477, 1978
obstructive jaundice caused by hepatocellular carcinoma: report of three cases (ab), Afroudakis, A.; Bhuta, S. M.; Ranganath, K. A.; Kaplowitz, N., **129:** 853, 1978

sonographic "parallel channel" sign of biliary tree enlargement in mild to moderate obstructive jaundice, Conrad, Melvyn R.; Landay, Michael J.; Janes, Jefferson O., (AJR), **130:** 279, 1978
Tc-99m pyridoxylidene glutamate in jaundiced patients (ab), Lubin, E.; Rachima, M.; Oren, V.; Weininger, J.; Trumper, J.; Kozenitzky, I.; Rechnic, Y., **128:** 286, 1978
thin needle cholangiography: experience with 50 patients (ab), Goldstein, Leonard I.; Kadell, Barbara M.; Weiner, Marvin, **127:** 851, 1978
transhepatic dilatation of choledochoenterostomy strictures, Molnar, William; Stockum, Alfred E., **129:** 59, 1978
ultrasonography in the diagnosis of obstructive jaundice (ab), Lapis, James L.; Orlando, Roy C.; Mittelstaedt, Carol A.; Staab, Edward V., **129:** 860, 1978
ultrasound: new diagnostic approach to the jaundiced patient (ab), Isikoff, Michael B.; Diaconis, John N., **126:** 557, 1978

Jaws
Ludwig angina in childhood (ab), Gross, Steven J.; Nieburg, Phillip L., **126:** 274, 1978
medical and surgical approach in management of the unilateral opacified antrum (ab), Eichel, Berkley S., **127:** 560, 1978

Jaws, abnormalities
aglossia-adactylia, Johnson, G. Frank; Robinow, Meinhard, **128:** 127, 1978
Melnick-Needles syndrome: radiographic alterations in the mandible, Gorlin, Robert J.; Langer, Jr., Leonard O., **128:** 351, 1978

Jaws, arthrography
arthrography in the evaluation of the temporomandibular joint, Lynch, Thomas P.; Chase, Donald C., **126:** 667, 1978

Jaws, cysts
keratocysts of the jaw: clinicopathologic study of 79 patients (ab), Hodgkinson, Darryl J.; Woods, John E.; Dahlin, David C.; Tolman, Dan E., **128:** 563, 1978

Jaws, neoplasms
intracranial and extracranial neurogenic hamartoma (ab), Gallo, Jr., Anthony E.; Smith, James D., **126:** 547, 1978
time, dose and tumor volume relationships in megavoltage irradiation of squamous cell carcinomas of the retromolar trigone and anterior tonsillar pillar (ab), Barker, Jerry L.; Fletcher, Gilbert H., **126:** 845, 1978

Jejunum
See Intestines

Joints
See also Arthritis; Arthritis, rheumatoid; Synovial membrane; under names of joints, as Ankle; Hip; Knee; etc.
joint space in normal hip radiographs, Fredensborg, Nis; Nilsson, Bo E., **126:** 325, 1978
proximal tibiofibular joint: anatomic-pathologic-radiographic correlation, Resnick, Donald; Newell, John D.; Guerra, Jr., Jose; Danzig, Larry A.; Niwayama, Gen; Goergen, Thomas G., (AJR), **131:** 133, 1978
simultaneous arthrography of the talocrural and talonavicular joints in children: III. measurements on normal feet (ab), Hjelmstedt, Ake; Sahlstedt, Bo, **128:** 279, 1978

Joints, arthrography
demonstration of spondylolysis by arthrography of the apophyseal joint, Ghelman, Bernard; Doherty, John H., (AJR), **130:** 986, 1978

Joints, calcification
migrating bone shards in dissecting charcot joints, Forrester, D. M.; Magre, George, (AJR), **130:** 1133, 1978

Joints, carpometacarpal
selective involvement of the first carpometacarpal joint in scleroderma, Resnick, Donald; Greenway, Guerdon; Vint, Vinton C.; Robinson, Charles A.; Piper, S., (AJR), **131:** 283, 1978

Joints, diseases
extra-articular synovial chondromatosis (ab), Sim, Franklin H.; Dahlin, David C.; Ivins, John C., **126:** 280, 1978
radiographic findings in the hands in patients with systemic lupus erythematosus, Weissman, Barbara N.; Rappoport, Arnold S.; Sosman, J. Leland; Schur, Peter H., **126:** 313, 1978
residual osteoarticular lesions due to smallpox, with secondary degenerative joint disease (ab), Margolis, Harold S.; Subbarao, Kakarla; Pitt, Michael J.; Boyer, John, **129:** 280, 1978

Joints, fracture
osteochondral fractures: mechanisms of injury and fate of fragments, Milgram, James W.; Rogers, Lee F.; Miller, John W., (AJR), **130:** 651, 1978

Joints, incudostapedial
incudostapedial joint in health and disease, Matsubara, Rodney; Konrad, Horst; Hanafee, William N., (AJR), **131:** 307, 1978

Joints, infection
pneumoarthropathy: unusual radiographic sign of Gram-negative septic arthritis, Meredith, Hubert C.; Rittenberg, Gerald M., **128:** 642, 1978

Joints, prostheses
role of biomechanics in total joint replacement surgery (ab), Chao, Edmund Y. S., **127:** 568, 1978

Joints, radionuclide studies
applications and limitations of quantitative sacroiliac joint scintigraphy, Goldberg, Ronald P.; Genant, Harry K.; Shimshak, Robert; Shames, David, **128:** 683, 1978
radionuclide imaging of septic joints and their differentiation from periarticular osteomyelitis and cellulitis in pediatrics (ab), Lisbona, Robert; Rosenthall, Leonard, **127:** 575, 1978

Juvenile angiofibroma
See Nasopharynx, neoplasms

K

Kaposi syndrome
See Sarcoma

Kidney neoplasms
failure of steel coil occlusion in a case of hypernephroma, Jhaveri, Harish S.; Gerlock, Jr., A. James; Ekelund, Leif, (AJR), **130:** 556, 1978
hydronephrosis of the lower pole of the duplex kidney: another renal pseudotumor, Nusbacher, Noel; Bryk, David, (AJR), **130:** 967, 1978
infiltrating neoplasms of the kidney, Ambos, Marjorie A.; Bosniak, Morton A.; Madayag, Manuel A.; Lefleur, Richard S., (AJR), **129:** 859, 1977
primary osteosarcoma of the kidney (ab), Axelrod, Rita; Naidech, Howard J.; Myers, Jeffrey; Steinberg, Allen, **128:** 569, 1978
renal pseudotumors: anatomic-radiologic classification (ab), Feldman, Arthur E.; Pollack, Howard M.; Perri, Jr., Anthony J.; Karafin, Lester; Kendall, A. Richard, **129:** 856, 1978

Kidney neoplasms, angiography
angiographic diagnosis of renal tumors associated with polycystic disease, Tegtmeyer, Charles J.; Cail, Wayne; Wyker, Jr., Arthur W.; Gillenwater, Jay Y., **126:** 105, 1978
angiographic patterns in renal oncocytomas, Ambos, Marjorie A.; Bosniak, Morton A.; Valensi, Quentin J.; Madayag, Manuel A.; Lefleur, Richard S., **129:** 615, 1978
angiography in carcinoma of the renal pelvis and the ureter (ab), Ekelund, L.; Gothlin, J., **126:** 555, 1978
pheochromocytoma and ipsilateral renal carcinoma diagnosed by angiography, Nance, Jr., E. Paul; Ekelund, Leif; Goncharenko, Victor; Rogers, Lowell, (AJR), **130:** 553, 1978

Kidney neoplasms, calcification
calcification in primary and metastatic Wilms' tumor, Kaufman, Robert A.; Holt, John F.; Heidelberger, Kathleen P., (AJR), **130:** 783, 1978

Kidney neoplasms, diagnosis
angiographic patterns in renal oncocytomas, Ambos, Marjorie A.; Bosniak, Morton A.; Valensi, Quentin J.; Madayag, Manuel A.; Lefleur, Richard S., **129:** 615, 1978
brush biopsy of pyelocalyceal lesions *via* a percutaneous translumbar approach, Lang, Erich K.; Alexander, Robert; Barnett, Troy; Palomar, Juan; Hamway, Sammy, **129:** 623, 1978
complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, Levitt, Robert G.; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, RobertJ.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert, **126:** 149, 1978
computed tomography diagnosis of renal angiomyolipoma, Hansen, Gail C.; Hoffman, Richard B.; Sample, W. Frederick; Becker, Ronald, **128:** 789, 1978
computed tomography in the diagnosis of renal masses, Magilner, Arthur D.; Ostrum, Bernard J., **126:** 715, 1978
computed tomography of the kidneys, Williamson, Jr., Byrn; Hattery, Robert R.; Stephens, David H.; Sheedy, II, Patrick F., (SR), **13:** 249, 1978
detection of inferior vena caval thrombosis with computed tomography, Steele, J. Richard; Sones, Peter J.; Heffner, Jr., L. T., **128:** 385, 1978
informal use of decision theory to improve radiological patient management, Fryback, Dennis G.; Thornbury, John R., **129:** 385, 1978
small renal pelvic carcinomas: value of epinephrine magnification angiography (ab), Chew, Qwie T.; Nouri, Mohammad Seif; Woo, Byung Hyuck, **129:** 856, 1978
"spoke-wheel" angiographic pattern in renal masses: nonspecificity (L), Older, Robert A.; Cleeve, Damien M.; Fetter, Bernard F.; Jackson, Donald A.; Weiner, Shelley N.; Bernstein, Robert G., **128:** 836, 1978
ureteroileocancerous backflow: diagnostic radiographic sign for metastatic carcinoma (ab), Whisnant, Joseph D.; Litvak, Austin S.; McRoberts, J. William, **127:** 283, 1978

Kidney neoplasms, hemorrhage
acute hemorrhage into Wilms' tumor: cause of rapidly developing abdominal mass with hypertension, anemia, and fever (ab), Ramsay, Norma K. C.; Dehner, Louis P.; Coccia, Peter F.; D'Angio, G. J.; Nesbit, Mark E., **128:** 569, 1978
labelled Gelfoam in transcatheter arterial embolization of renal cell carcinoma, Tada, Shimpei; Sekiya, Tohru; Kino, Masao; Shintani, Yoichiro; Harada, Junta; Nanjoh, Mitsuo; Machida, Toyohei; Masuda, Fujio; Miki, Makoto; Shoji, Ryo, **128:** 825, 1978

Kidney neoplasms, metastases
hemangiomas of the liver in patients with renal cell carcinoma, Madayag, Manuel A.; Bosniak, Morton A.; Kinkhabwala, Mahesh; Becker, Joshua, A., **126:** 391, 1978
needle tract seeding following aspiration of renal cell carcinoma (ab), Gibbons, Robert P.; Bush, Jr., William H.; Burnett, Leland L., **127:** 283, 1978
radionuclide imaging of metastases from renal-cell carcinoma by ^{131}I-labeled antitumor antibody, Belitsky, Philip; Ghose, Tarun; Aquino, Jose; Tai, Joseph; MacDonald, Alan S., **126:** 515, 1978
Wilms' tumor to the heart: clinical and radiographic evaluation, Slovis, Thomas L.; Cushing, Barbara; Reilly, Bernard J.; Farooki, Zia Q.; Philippart, Arvin I.; Berdon, Walter E.; Baker, David H.; Reed, Joseph O., (AJR), **131:** 263, 1978

Kidney neoplasms, radionuclide diagnosis
radionuclide imaging of primary renal-cell carcinoma by I-131-labeled antitumor antibody (ab), Belitsky, Philip; Ghose, Tarun; Aquino, Jose; Norvell, Steven T.; Blair, A. Huntley, **128:** 862, 1978

Kidney neoplasms, secondary
association of Wilms' tumor with second primary malignancies (ab), Wexler, Howard A.; Poole, Catherine A.; Fojaco, Rita M., **127:** 283, 1978

Kidney neoplasms, therapeutic radiology
radiation related toxicities in National Wilms' Tumor Study Number 1 (ab), Tefft, Melvin, **126:** 846, 1978

Kidney neoplasms, therapy
bilateral, diffuse nephroblastomatosis: report of a case managed with chemotherapy (ab), Haddy, Theresa B.; Bailie, Michael D.; Bernstein, Jay; Kaufman, Donald B.; Rous, Stephen N., **126:** 838, 1978
Wilms' tumor: prognostic factors for patients without metastases at diagnosis. results of the National Wilms' Tumor Study (ab), Breslow, N. E.; Palmer, N. F.; Hill, L. R.; Buring, J.; D'Angio, G. J., **128:** 569, 1978

Kidney neoplasms, ultrasound diagnosis
benign multilocal cystic nephroma, Carlson, David H.; Carlson, Desiree; Simon, Harold, (AJR), **131:** 621, 1978
lipomatous tumors of the kidney and adrenal: apparent echographic specificity, Scheible, William; Ellenbogen, Paul H.; Leopold, George R.; Siao, Newton T., **129:** 153, 1978
ultrasonic characteristics of the renal pelvicalyceal echo complex (ab), Sanders, Roger C.; Conrad, Melvyn R., **128:** 283, 1978
ultrasonic detection of renal tumor extension into the inferior vena cava, Goldstein, Harvey M.; Green, Barry; Weaver, Jr., Ralph M., (AJR), **130:** 1083, 1978
ultrasonography in the evaluation of post-nephrectomy renal cancer patients, Bernardino, Michael E.; Green, Barry; Goldstein, Harvey M., **128:** 455, 1978

Kidneys
See also Genitourinary tract; Hydronephrosis; Kidney neoplasms; Nephritis; Radiations, injurious effects; Radiobiology; Urinary tract; Urography

computer assisted tomography of normal suprarenal glands (ab), Brownlie, Ken; Kreel, Louis, **127:** 855, 1978
cyclotron fast neutron RBE for late kidney damage, Geraci, Joseph P.; Thrower, Pamella D.; Mariano, Marnela, **126:** 519, 1978
notching of the ureter and renal pelvis in children, Cleveland, Robert H.; Fellows, Kenneth E.; Lebowitz, Robert L., (AJR), **129:** 837, 1977
renal vasculature in essential hypertension: racial differences (ab), Levy, Steven B.; Talner, Lee B.; Coel, Marc N.; Holle, Rolf; Stone, Richard A., **128:** 570, 1978

Kidneys, abnormalities
computed tomography of renal abnormalities, Hattery, Robert R.; Williamson, Jr., Byrn; Stephens, David H.; Sheedy, II, Patrick F.; Hartman, Glen W., (RCNA), **15:** 401, 1977
contralateral renal herniation after nephrectomy: cause of pseudo-crossed renal ectopia, Cho, Kyung J.; Walter, Joseph F.; Konnak, John W., (AJR), **129:** 1099, 1977
hypertension and medullary sponge kidneys in an adolescent with Beckwith-Wiedemann syndrome (ab), Virdis, Raffaele; Drayer, Jan I. M.; Montoliu, Jesus; Levine, Lenore S.; Laragh, John H., **128:** 570, 1978
malposition of the colon in right renal agenesis, ectopia, and anterior nephrectomy, Curtis, John A.; Sadhu, Vijay; Steiner, Robert M., (AJR), **129:** 845, 1977
renal anomalies in the fetal alcohol syndrome (ab), DeBeukelaer, Martin M.; Randall, Carrie L.; Stroud, Donna R., **128:** 569, 1978
renal malposition associated with omphalocele, Pinckney, Lee E.; Moskowitz, Peter S.; Lebowitz, Robert L.; Fritzsche, Peggy, **129:** 677, 1978
tumefactive megalocytic interstitial nephritis, Jander, H. Peter; Pujara, Subash; Murad, Tariq M., **129:** 635, 1978
urographic findings in homozygous sickle cell disease, McCall, Iain W.; Moule, Neville; Desai, Patricia; Serjeant, Graham R., **126:** 99, 1978
VATER association, Barnes, John C.; Smith, Wilbur L., **126:** 445, 1978

Kidneys, abscess
computed tomography in the diagnosis of renal masses, Magilner, Arthur D.; Ostrum, Bernard J., **126:** 715, 1978
emergency uroradiology for the nontraumatized patient, Elkin, Milton, (RCNA), **16:** 135, 1978
renal carbuncle: use of ultrasound in its diagnosis and treatment (ab), Goldman, Stanford M.; Minkin, Sanford D.; Naraval, Dante C.; Diamond, Arthur B.; Pion, Sidney J.; Meringoff, Brian N.; Sidh, Suresh M.; Sanders, Roger C.; Cohen, Stephen P., **126:** 844, 1978

Kidneys, anatomy
anatomy and pathology of the kidney by gray scale ultrasound, Rosenfield, Arthur T.; Taylor, Kenneth J. W.; Crade, Michael; DeGraaf, Casper S., **128:** 737, 1978
informal use of decision theory to improve radiological patient management, Fryback, Dennis G.; Thornbury, John R., **129:** 385, 1978

Kidneys, atrophy
replacement lipomatosis of the kidney, Ambos, Marjorie A.; Bosniak, Morton A.; Gordon, Richard; Madayag, Manuel A., (AJR), **130:** 1087, 1978

Kidneys, biopsy
brush biopsy of pyelocalyceal lesions *via* a percutaneous translumbar approach, Lang, Erich K.; Alexander, Robert; Barnett, Troy; Palomar, Juan; Hamway, Sammy, **129:** 623, 1978
needle tract seeding following aspiration of renal cell carcinoma (ab), Gibbons, Robert P.; Bush, Jr., William H.; Burnett, Leland L., **127:** 283, 1978

Kidneys, blood supply
renal cortical blood flow and angiography in low- and normal-renin essential hypertension (ab), Case, David B.; Casarella, William J.; Laragh, John H.; Fowler, Deborah L.; Cannon, Paul J., **128:** 569, 1978
renovascular hypertension as a complication of umbilical arterial catheterization, Merten, David F.; Vogel, John M.; Adelman, Raymond D.; Goetzman, Boyd W.; Bogren, Hugo G., **126:** 751, 1978

Kidneys, calcification
diffuse cortical calcification in rejected renal transplants, Harrison, R. Brent; Vaughan, Jr., E. Darracott, **126:** 635, 1978
gray-scale ultrasonic demonstration of nephrocalcinosis, Cacciarelli, Alexander A.; Young, Norman; Levine, Allan J., **128:** 459, 1978
renal vein thrombosis: cause of intrarenal calcification in the newborn (ab), Brill, P. W.; Mitty, H. A.; Strauss, L., **127:** 856, 1978
uptake of bone imaging agents by diffuse pulmonary metastatic calcification, Rosenthal, Daniel I.; Chandler, Harold L.; Azizi, Fereidoun; Schneider, Peter B., (AJR), **129:** 871, 1977

Kidneys, calculi
gas contrast radiography of ileal conduits, Kilcheski, Thomas S.; Pollack, Howard M., **129:** 242, 1978
renal artery lesions after pyelolithotomy: potential cause of renovascular hypertension (ab), Andersson, Ingvar, **126:** 556, 1978
renal calculus and asymptomatic hematuria: possible cause of exaggerated exercise hematuria (ab), Iitaka, Kikuo; West, Clark D., **129:** 855, 1978
renal milk of calcium associated with hydronephrosis, Herman, Richard D.; Leoni, Joseph V.; Matthews, George R., (AJR), **130:** 572, 1978
ultrasonic detection of nonopaque renal calculi, Pollack, Howard M.; Arger, Peter H.; Goldberg, Barry B.; Mulholland, S. Grant, **127:** 233, 1978
ultrasonic evaluation of renal calculi, Edell, Steven; Zegel, Harry, (AJR), **130:** 261, 1978
use of percutaneous nephrostomy and urinary alkalinization in the dissolution of obstructing uric acid stones, Spataro, Robert F.; Linke, Charles A.; Barbaric, Zoran L., **129:** 629, 1978

Kidneys, cysts
autosomal dominant polycystic renal disease in children (ab), Kaplan, B. S.; Rabin, I.; Nogrady, M. B.; Drummond, K. N., **126:** 838, 1978
benign multilocal cystic nephroma, Carlson, David H.; Carlson, Desiree; Simon, Harold, (AJR), **131:** 621, 1978
complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, Levitt, Robert G.; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, RobertJ.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert, **126:** 149, 1978
computed tomography in the diagnosis of renal masses, Magilner, Arthur D.; Ostrum, Bernard J., **126:** 715, 1978
infected renal cyst from hematogenous seeding: case report and review of the literature (ab), Kinder, Philip W.; Rous, Stephen N., **129:** 856, 1978
informal use of decision theory to improve radiological patient management, Fryback, Dennis G.; Thornbury, John R., **129:** 385, 1978
multicystic dysplastic kidney (ab), De Klerk, Daniel P.; Marshall, Fay F.; Jeffs, Robert D., **126:** 281, 1978
peripelvic renal pseudocyst due to obstruction, Barbaric, Zoran L.; Frank, Irwin N., (AJR), **129:** 1097, 1977
unilateral polycystic kidney disease, Lee, Joseph K. T.; McClennan, Bruce L.; Kissane, John M., (AJR), **130:** 1165, 1978

Kidneys, diseases
See also Nephritis; Pyelonephritis
anatomy and pathology of the kidney by gray scale ultrasound, Rosenfield, Arthur T.; Taylor, Kenneth J. W.; Crade, Michael; DeGraaf, Casper S., **128:** 737, 1978
angiographic findings in renal amyloidosis, McCormick, Thomas L.; Cho, Kyung J., (AJR), **129:** 855, 1977
autosomal dominant polycystic renal disease in children (ab), Kaplan, B. S.; Rabin, I.; Nogrady, M. B.; Drummond, K. N., **126:** 838, 1978
epinephrine renal venography in severe inflammatory disease of the kidney, Goldman, Martin L.; Gorelkin, Leo; Rude, III, Joe C.; Sybers, Robert G.; O'Brien, David P., **127:** 93, 1978
pulmonary-renal syndrome, Herman, Peter G.; Balikian, Jirayr P.; Seltzer, Steven E.; Ehrie, Michael, (AJR), **130:** 1141, 1978
radiologic diagnosis of renal parenchymal disease. vol. 2 of saunders monographs in clinical radiology. (bk rev), Davidson, Alan J., Reviewed by Mellins, Harry Z., **126:** 110, 1978
radiologic findings in renal amyloidosis, Ekelund, Leif, (AJR), **129:** 851, 1977
radiology and the kidney. some present concepts. vol.5 of contributions to nephrology (bk rev), Hodson, C. J., ed., Reviewed by Thornbury, John R., **126:** 110, 1978
renovascular hypertension in children and adolescents, Stanley, Philip; Gyepes, Michael T.; Olson, David L.; Gates, Gary F., **129:** 123, 1978

Kidneys, diverticula
is the diverticulum of the distal and collecting tubules a preliminary stage of the simple cyst in the adult? (ab), Baert, L.; Steg, A., **127:** 282, 1978
spontaneous rupture of a calyceal diverticulum during urography, Ulreich, Sidney; Lund, David A.; Jacobson, James J., (AJR), **131:** 337, 1978

Kidneys, failure
angiographic diagnosis of acute hemorrhagic renal cortical necrosis, Tuttle, Robert J.; Minielly, John A., **126:** 637, 1978
computed tomography of the kidneys, Williamson, Jr., Byrn; Hattery, Robert R.; Stephens, David H.; Sheedy, II, Patrick F., (SR), **13:** 249, 1978
diffuse interstitial calcification of the lungs in chronic renal failure mimicking pulmonary edema, Firooznia, Hossein; Pudlowski, Rochelle; Golimbu, Cornelia; Rafii, Mahvesh; McCauley, Dorothy, (AJR), **129:** 1103, 1977
epinephrine renal venography in severe inflammatory disease of the kidney, Goldman, Martin L.; Gorelkin, Leo; Rude, III, Joe C.; Sybers, Robert G.; O'Brien, David P., **127:** 93, 1978
exacerbation of diabetic renal failure following intravenous pyelography (ab), Harkonen, Scott; Kjellstrand, Carl M., **128:** 279, 1978
Gelfoam embolization of the kidneys for treatment of malignant hypertension, Adler, Jonathan; Einhorn, Robert; McCarthy, Joseph; Goodman, Alvin; Solangi, Karim; Varanasi, Umanaheswara; Thelmo, William, **128:** 45, 1978
post-renal failure in an infant due to bilateral ureter obstruction secondary to *Candida* pyelonephritis (ab), Schindera, F.; Pringsheim, W., **127:** 856, 1978
radiological appearance of secondary hyperthyroidism in chronic renal insufficiency (ab), Zwahlen, Andre; Garcia, Jean, **126:** 555, 1978
renal failure following major angiography (ab), Swartz, Richard D.; Rubin, James E.; Leeming, Brian W.; Silva, Patricio, **129:** 856, 1978
roentgenologic study of cortical bone resorption in chronic renal failure, Meema, H. Erik; Oreopoulos, Dimitrios G.; Meema, Silvia, **126:** 67, 1978
slipped capital femoral epiphyses complicating renal osteodystrophy: report of three cases, Goldman, Amy Beth; Lane, Joseph M.; Salvati, Eduardo, **126:** 333, 1978
ultrasonic appearance of acute poststreptococcal glomerulonephritis (ab), Rochester, David; Aronson, Andrew J.; Bowie, James D.; Kunzmann, Axel, **129:** 861, 1978
ultrasonography in the management of unexplained renal failure (ab), Winston, M. A.; Pritchard, J.; Paulin, Peter, **129:** 861, 1978
uptake of bone imaging agents by diffuse pulmonary metastatic calcification, Rosenthal, Daniel I.; Chandler, Harold L.; Azizi, Fereidoun; Schneider, Peter B., (AJR), **129:** 871, 1977
xeroradiography of the hand in patients with renal osteodystrophy (ab), Smith, F. W.; Junor, B. J. R., **126:** 279, 1978

Kidneys, hemorrhage
failure of steel coil occlusion in a case of hypernephroma, Jhaveri, Harish S.; Gerlock, Jr., A. James; Ekelund, Leif, (AJR), **130:** 556, 1978
selective arterial embolisation in the management of post operative renal hemorrhage (ab), Lea Thomas, M.; Lamb, G. H. R., **127:** 283, 1978

Kidneys, hydronephrosis
See Hydronephrosis

Kidneys, hypertrophy
radiation-induced inhibition of compensatory renal growth in the weanling mouse kidney, Donaldson, Sarah S.; Moskowitz, Peter S.; Canty, Earle L.; Efron, Bradley, **128:** 491, 1978

Kidneys, infarction
nonspecificity of some radiological signs in excretory urography (edit), Older, Robert A.; Cleeve, Damien M.; McLelland, Robert, **127:** 553, 1978

Kidneys, infection
late sequelae of adult-onset acute bacterial nephritis, Davidson, Alan J.; Talner, Lee B., **127:** 367, 1978

Kidneys, inflammation
brush biopsy of pyelocalyceal lesions *via* a percutaneous translumbar approach, Lang, Erich K.; Alexander, Robert; Barnett, Troy; Palomar, Juan; Hamway, Sammy, **129:** 623, 1978

Kidneys, injuries
traumatic arterio-caliceal fistula, Blackwell, James E.; Potchen, E. J.; Laidlaw, W. William; Paul, Larry H., **129:** 633, 1978
Kidneys, intubation
nephrostomy tube replacement using a steerable catheter (ab), Alter, Albert J.; Crummy, Andrew B.; Benson, Jr., Ralph C., **128:** 570, 1978
Kidneys, necrosis
angiographic diagnosis of acute hemorrhagic renal cortical necrosis, Tuttle, Robert J.; Minielly, John A., **126:** 637, 1978
late sequelae of adult-onset acute bacterial nephritis, Davidson, Alan J.; Talner, Lee B., **127:** 367, 1978
radiological changes of renal papillary necrosis (ab), Lindvall, Nils, **128:** 279, 1978
renal medullary necrosis in infants and children (ab), Kozlowski, K.; Brown, R. W., **129:** 855, 1978
urographic findings in homozygous sickle cell disease, McCall, Iain W.; Moule, Neville; Desai, Patricia; Serjeant, Graham R., **126:** 99, 1978
Kidneys, papillary necrosis
emergency uroradiology for the nontraumatized patient, Elkin, Milton, (RCNA), **16:** 135, 1978
Kidneys, radionuclide studies
intense concentration of technetium-99m pyrophosphate in the kidneys of children treated with chemotherapeutic drugs for malignant disease, Lutrin, Calvin L.; McDougall, I. Ross; Goris, Michael L., **128:** 165, 1978
normal ^{99m}Tc-DMSA renal image, Daly, Michael J.; Milutinovic, Jovan; Rudd, Thomas G.; Phillips, Leon A.; Fialkow, Philip J., **128:** 701, 1978
radionuclide imaging of metastases from renal-cell carcinoma by ^{131}I-labeled antitumor antibody, Belitsky, Philip; Ghose, Tarun; Aquino, Jose; Tai, Joseph; MacDonald, Alan S., **126:** 515, 1978
radionuclide kidney function evaluation in the management of urolithiasis (ab), Bueschen, Anton J.; Lloyd, L. Keith; Dubovsky, Evan V.; Tauxe, W. Newlon, **129:** 574, 1978
renal uptake of ^{99m}Tc-sulfur colloid in congestive heart failure, Klingensmith, III, William C.; Datu, Jesus A.; Burdick, Duncan C., **127:** 185, 1978
validity of ^{99m}Tc dimercaptosuccinic acid renal uptake for an assessment of individual kidney function (ab), Kawamura, Juichi; Hosokawa, Shinichi; Yoshida, Osamu; Fujita, Toru; Ishii, Yasushi; Torizuka, Kanji, **128:** 575, 1978
Kidneys, surgery
extraperitoneal gas following nephrectomy: patterns and duration (ab), Older, Robert A.; Rice, Reed P.; Kelvin, Frederick M.; Thompson, William M.; Weinerth, John L., **129:** 570, 1978
percutaneous nephropyelostomy in the management of obstructed renal transplants, Barbaric, Zoran L.; Thomson, Kenneth R., **126:** 639, 1978
percutaneous nephropyelostomy—possibilities of application and results (ab), Gunther, R.; Alken, P.; Altwein, J. E., **129:** 856, 1978
renal artery lesions after pyelolithotomy: potential cause of renovascular hypertension (ab), Andersson, Ingvar, **126:** 556, 1978
simultaneous balloon occlusion of the renal artery and hypothermic perfusion in in situ surgery of the kidney (ab), Marberger, Michael; Georgi, Max; Guenther, Rolf; Hohenfellner, Rudolf, **128:** 857, 1978
Kidneys, transplantation
autonomic hyperreflexia: serious complication of radiological procedures in patients with cervical or upper thoracic spinal cord lesions (ab), Jones, B. J.; Palmer, F. J.; Charlesworth, J. A.; Shirley, D. V.; MacDonald, G. J.; Williams, R. M.; Robertson, M. R., **128:** 857, 1978
computed tomography in renal transplant problems, Kittredge, Richard D.; Brensilver, Jeffrey; Pierce, James C., **127:** 165, 1978
diffuse cortical calcification in rejected renal transplants, Harrison, R. Brent; Vaughan, Jr., E. Darracott, **126:** 635, 1978
microangiography of rejected human kidney transplants (ab), Kormano, M.; Kock, B.; Brotherus, V.; Lindfors, O.; Lindstrom, B., **126:** 555, 1978
non-visualization of renal calices during excretory urography as an indicator of renal transplant rejection (ab), Seymour, E. Q.; Rittenburg, Gerald, **129:** 571, 1978
percutaneous nephropyelostomy in the management of obstructed renal transplants, Barbaric, Zoran L.; Thomson, Kenneth R., **126:** 639, 1978
prognostic value of angiography in management of severe acute renal transplant rejection (ab), Kaude, J. V.; Fuller, Th. J.; Hawkins, Jr., I. F.; Juncos, L. I.; Pfaff, W. W., **126:** 555, 1978
prognostic value of angiography in early failure of renal transplants (ab), Laasonen, Leena, **126:** 838, 1978
pseudoaneurysm of the arterial anastomosis in a renal transplant, Renigers, S. A.; Spigos, D. G., (AJR), **131:** 525, 1978
pseudo-dysplasia of the renal artery as a cause of hypertension in renal transplant recipients (ab), Baert, A. L.; van Damme, B.; Michielsen, P.; Gruwez, J., **126:** 282, 1978
pulmonary complications of renal transplantation: survey of patients treated by low-dose immunosuppression, Webb, W. Richard; Gamsu, Gordon; Rohlfing, Barbara M.; Thorburn, Kim; Kalifa, L. Gabriel; Amend, William J. C.; Roberts, Margaret; Salvatierra, Jr., Oscar, **126:** 1, 1978
renal angiography problems in live kidney donors (ab), Sherwood, T.; Ruutu, M.; Chisholm, G. D., **129:** 282, 1978
small vessel calcification and its relationship to secondary hyperparathyroidism in the renal homotransplant patient, Peterson, Rebecca, **126:** 627, 1978
urologic complications in renal homotransplantation (ab), Pastershank, S. P.; Ty, M., **129:** 570, 1978
Kidneys, ultrasound studies
anatomy and pathology of the kidney by gray scale ultrasound, Rosenfield, Arthur T.; Taylor, Kenneth J. W.; Crade, Michael; DeGraaf, Casper S., **128:** 737, 1978
complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, Levitt, Robert G.; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, RobertJ.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert, **126:** 149, 1978
echographic characteristics of fatty tissues and tumors, Behan, Michael; Kazam, Elias, **129:** 143, 1978
gray-scale ultrasonic demonstration of nephrocalcinosis, Cacciarelli, Alexander A.; Young, Norman; Levine, Allan J., **128:** 459, 1978
radionuclides in urology, urological ultrasonography. percutaneous puncture nephrostomy. supplement to vol. V/I of handbuch der urologie (bk rev), Andersson, L.; Fernstrom, I.; Leopold, G. R.; Schlegel, J. U.; Talner, L. B.; Andersson, L., ed., Reviewed by Mellins, Harry Z., **129:** 344, 1978
renal carbuncle: use of ultrasound in its diagnosis and treatment (ab), Goldman, Stanford M.; Minkin, Sanford D.; Naraval, Dante C.; Diamond, Arthur B.; Pion, Sidney J.; Meringoff, Brian N.; Sidh, Suresh M.; Sanders, Roger C.; Cohen. Stephen P., **126:** 844, 1978
renal ultrasonography: advantages of the decubitus position (ab), Albarelli, Judith N.; Lawson, Thomas L., **129:** 573, 1978
ultrasonic and computed tomographic appearance of splenic lobulations: consideration in the ultrasonic differential of masses adjacent to the left kidney, Gooding, Gretchen A. W., **126:** 719, 1978
ultrasonic appearance of acute poststreptococcal glomerulonephritis (ab), Rochester, David; Aronson, Andrew J.; Bowie, James D.; Kunzmann, Axel, **129:** 861, 1978
ultrasonic characteristics of the renal pelvicalyceal echo complex (ab), Sanders, Roger C.; Conrad, Melvyn R., **128:** 283, 1978
ultrasonic demonstration of intrarenal anatomy, Cook, III, John H.; Rosenfield, Arthur T.; Taylor, Kenneth J. W., (AJR), **129:** 831, 1977
ultrasonic detection of nonopaque renal calculi, Pollack, Howard M.; Arger, Peter H.; Goldberg, Barry B.; Mulholland, S. Grant, **127:** 233, 1978
ultrasonic evaluation of renal calculi, Edell, Steven; Zegel, Harry, (AJR), **130:** 261, 1978
ultrasonography in the management of unexplained renal failure (ab), Winston, M. A.; Pritchard, J.; Paulin, Peter, **129:** 861, 1978
Klippel-Trenaunay-Weber syndrome
See Angioma
Knee
extrasynovial and capsular fat pads on the posterior aspect of the knee joint (ab), Weston, W. J., **127:** 281, 1978
fabella sign and radiologic assessment of knee joint effusion (L), Hall, Ferris M., **129:** 541, 1978
fabella sign and radiologic assessment of knee joint effusion: reply (L), Friedman, Arnold C.; Naidich, Thomas P., **129:** 541, 1978
fabella sign: fabella displacement in synovial effusion and popliteal fossa masses. normal and abnormal fabello-femoral and fabello-tibial distances, Friedman, Arnold C.; Naidich, Thomas P., **127:** 113, 1978
fragmentation of the distal pole of the patella in spastic cerebral palsy (ab), Rosenthal, Robert K.; Levine, David B., **127:** 853, 1978
gastrocnemio-semimembranosus bursa and its relation to the knee joint: I. anatomy and histology (ab), Lindgren, P. G.; Willen, R., **128:** 279, 1978
internal structures of the knee visualized by computed tomography (ab), Archer, Carol R.; Yeager, Vernon, **129:** 568, 1978
knee joint bursal abnormalities in rheumatoid arthritis (ab), Pastershank, S. P.; Mitchell, D. M., **127:** 852, 1978
skeletal maturity. the knee joint as a biological indicator (bk rev), Roche, Alex F.; Wainer, Howard; Thissen, David, Reviewed by Poznanski, Andrew K., **126:** 88, 1978
Knee, arthrography
arthrography and sonography in the diagnosis of Baker's cysts (ab), Baumann, D.; Kremer, H., **127:** 573, 1978
arthrography of the knee joint with Amipaque (ab), Johansen, J. G.; Killeas, F. G.; Nordshus, T., **128:** 279, 1978
buckled meniscus, Hall, Ferris M., **126:** 89, 1978
double contrast arthrographic evaluation of the anterior cruciate ligament, Pavlov, Helene; Torg, Joseph S., **126:** 661, 1978
easy method to demonstrate the cruciate ligaments by double contrast arthrography, Pavlov, Helene; Freiberger, Robert H., **126:** 817, 1978
practical stress device for knee arthrography, Lee, Kyo Rak; Sanders, William F., **127:** 542, 1978
radiographic evaluation of tibial plateau fractures, Newberg, Arthur H.; Greenstein, Robert, **126:** 319, 1978
radiography, radionuclide imaging, and arthrography in the evaluation of total hip and knee replacement, Gelman, Martin I.; Coleman, R. Edward; Stevens, Peter M.; Davey, Bruce W., **128:** 677, 1978
some normal variations of knee arthrograms and their anatomical significance (ab), Russell, Edward; Hamm, Robert; LePage, James R.; Schoenbaum, Stephen W.; Satin, Richard, **128:** 856, 1978
Knee, cysts
arthrography and sonography in the diagnosis of Baker's cysts (ab), Baumann, D.; Kremer, H., **127:** 573, 1978
fabella sign and radiologic assessment of knee joint effusion (L), Hall, Ferris M., **129:** 541, 1978
fabella sign and radiologic assessment of knee joint effusion: reply (L), Friedman, Arnold C.; Naidich, Thomas P., **129:** 541, 1978
fabella sign: fabella displacement in synovial effusion and popliteal fossa masses. normal and abnormal fabello-femoral and fabello-tibial distances, Friedman, Arnold C.; Naidich, Thomas P., **127:** 113, 1978
gray scale ultrasound in the evaluation of rheumatoid arthritis of the knee, Cooperberg, Peter L.; Tsang, Ilan; Truelove, Leslie; Knickerbocker, W. James, **126:** 759, 1978
Knee, fracture
fractures and dislocations around the adult knee, Subbarao, Kakarla; Jacobson, Harold G., (SR), **13:** 135, 1978
Knee, injuries
double contrast arthrographic evaluation of the anterior cruciate ligament, Pavlov, Helene; Torg, Joseph S., **126:** 661, 1978
easy method to demonstrate the cruciate ligaments by double contrast arthrography, Pavlov, Helene; Freiberger, Robert H., **126:** 817, 1978
neuropathic injuries to the lower extremities in children, Schneider, Robert; Goldman, Amy Beth; Bohne, Walter H. O., **128:** 713, 1978
radiographic evaluation of tibial plateau fractures, Newberg, Arthur H.; Greenstein, Robert, **126:** 319, 1978
Knee, prostheses
current status of total knee arthroplasty (ab), Peterson, Lowell F. A., **127:** 568, 1978
radiography, radionuclide imaging, and arthrography in the evaluation of total hip and knee replacement, Gelman, Martin I.; Coleman, R. Edward; Stevens, Peter M.; Davey, Bruce W., **128:** 677, 1978

Knee, ultrasound studies
arthrography and sonography in the diagnosis of Baker's cysts (ab), Baumann, D.; Kremer, H., **127:** 573, 1978
gray scale ultrasound in the evaluation of rheumatoid arthritis of the knee, Cooperberg, Peter L.; Tsang, Iian; Truelove, Leslie; Knickerbocker, W. James, **126:** 759, 1978
Kniest syndrome
See Bones, primary metabolic abnormalities
Kock ileostomy
See Ileostomy
Krukenberg tumor
See Ovary, neoplasms

L

Lacrimal glands and ducts
dilatation of the nasolacrimal duct under radiographic control, Hanafee, William N.; Dayton, Jr., Glenn O., **127:** 813, 1978
Lactobezoar
See Stomach, foreign bodies
Laminagraphy
See Tomography
Larrabee, Walter S.
(obit), **128:** 516, 1978
Laryngocele
See Larynx, hernia
Larynx
xeroradiography and conventional radiography in examination of the larynx (ab), Hemmingsson, Anders; Lofroth, Per Olov, **126:** 548, 1978
Larynx, anatomy
computed tomography of the larynx, Mancuso, Anthony A.; Calcaterra, Thomas C.; Hanafee, William N., (RCNA), **16:** 195, 1978
Larynx, edema
subglottic edema in acute epiglottitis in children, Shackelford, Gary D.; Siegel, Marilyn J.; McAlister, William H., (AJR), **131:** 603, 1978
Larynx, hernia
laryngocele, Lindell, Jr., Marvin M.; Jing, Bao-Shan; Fischer, Edward P.; Guillamondegui, Oscar M.; Wallace, Sidney, (AJR), **131:** 259, 1978
Larynx, inflammation
subglottic edema in acute epiglottitis in children, Shackelford, Gary D.; Siegel, Marilyn J.; McAlister, William H., (AJR), **131:** 603, 1978
Larynx, injuries
trauma of the larynx and trachea, Greene, Reginald; Stark, Paul, (RCNA), **16:** 309, 1978
Larynx, neoplasms
benign, non-neoplastic conditions of the larynx and pharynx, Bachman, Arnold L., (RCNA), **16:** 273, 1978
carcinoma of the larynx—results of primary radiotherapy (ab), Quayum, M. A.; Glennie, J. McD.; Orr, J. S., **129:** 862, 1978
cartilaginous tumors of the larynx and trachea, Weber, A. L.; Shortsleeve, Michael; Goodman, Max; Montgomery, William; Grillo, Hermes C., (RCNA), **16:** 261, 1978
complications of high dose preoperative irradiation for advanced laryngeal-hypopharyngeal cancer, Chung, Chung T.; Sagerman, Robert H.; King, Gerald A.; Yu, Woon Sang; Johnson, Jonas T.; Cummings, Charles W., **128:** 467, 1978
endoscopy and surgery of the larynx and trachea, Montgomery, William W., (RCNA), **16:** 219, 1978
malignant tumors of the larynx, Jing, Bao-Shan, (RCNA), **16:** 247, 1978
obstructing lesions of the larynx and trachea in infants and children, Kushner, David C.; Harris, G. B. Clifton, (RCNA), **16:** 181, 1978
results of integrated management of supraglottic carcinoma (ab), Fu, Karen K.; Eisenberg, Lee; Dedo, Herbert H.; Phillips, Theodore L., **127:** 575, 1978
treatment of squamous cell carcinoma of the larynx by radiation, Wang, C. C., (RCNA), **16:** 209, 1978
voice change after radiotherapy: some preliminary results, Colton, Raymond H.; Sagerman, Robert H.; Chung, Chung T.; Yu, Young W.; Reed, George F., **127:** 821, 1978
Larynx, obstruction
tantalum tracheography in upper airway obstruction: 100 experiences in adults, Stitik, Frederick P.; Bartelt, Detlef; James, Jr., A. Everette; Proctor, Donald F., (AJR), **130:** 35, 1978
Larynx, radiography
endoscopy and surgery of the larynx and trachea, Montgomery, William W., (RCNA), **16:** 219, 1978
roentgenologic investigations of the larynx and trachea, Momose, K. Jack; MacMillan, Jr., Alexander S., (RCNA), **16:** 321, 1978
tantalum tracheography in upper airway obstruction: 100 experiences in adults, Stitik, Frederick P.; Bartelt, Detlef; James, Jr., A. Everette; Proctor, Donald F., (AJR), **130:** 35, 1978
Larynx, therapeutic radiology
sixth interim progress report of the British Institute of Radiology fractionation study of 3F-week versus 5F-week in radiotherapy of the laryngo-pharynx (ab), Wiernik, G.; Bleehen, N. M.; Brindle, J.; Bullimore, J.; Churchill-Davidson, I. F. J.; Davidson, J.; Fowler, J. F.; Francis, P., **129:** 286, 1978
sixth interim progress report of the British Institute of Radiology fractionation study of 3F-week versus 5F-week in radiotherapy of the laryngo-pharynx (ab), Hadden, R. C. M.; Haybittle, J. L.; Howard, N.; Lansley, I. F.; Lindup, R.; Phillips, D. L.; Skeggs, D., **129:** 286, 1978
treatment of squamous cell carcinoma of the larynx by radiation, Wang, C. C., (RCNA), **16:** 209, 1978
Lead, toxicity
lead encephalopathy simulating a cerebral neoplasm in an adult: case report (ab), Powers, James M.; Rawe, Stephen E.; Earlywine, Garnett R., **127:** 844, 1978
Legg-Calve-Perthes disease
See Osteochondritis, deformans, juvenilis
Legionnaires' disease
chest radiograph in Legionnaires' disease, Dietrich, Peter A.; Johnson, Robert D.; Fairbank, Jonathan T.; Walke, John S., **127:** 577, 1978
Leiomyoma
See Myoma
Leiomyosarcoma
See Myosarcoma
Lenz-Majewski hyperostotic dwarfism
See Bones, osteochondrodysplasias
Leprosy
lower limb angiography in leprosy, Johnson, A Chandrahasan; Reddy, Rajaram; Johnson, Satyabama; James, Jr., A. Everette, **126:** 327, 1978
Leri melorheostosis
See Bones, sclerosis
Lesser, Paul B.
upper esophageal ring (ab), Moyer, Patricia; Andrews, Philip J.; Dreyfuss, Jack R., **129:** 562, 1978
Letters to the Editor
barium enema in the high-risk carcinoma patient—epilogue (L), Miller, Roscoe E., **127:** 271, 1978
basilar artery ectasia demonstrated by computed tomography (L), Sacks, Joel G., **126:** 530, 1978
basilar artery ectasia demonstrated by computed tomography: reply (L), Duchesneau, Paul M., **126:** 530, 1978
basilar artery ectasia demonstrated by computed tomography: reply (L), Weinstein, Meredith A., **126:** 530, 1978
fabella sign and radiologic assessment of knee joint effusion (L), Hall, Ferris M., **129:** 541, 1978
fabella sign and radiologic assessment of knee joint effusion: reply (L), Friedman, Arnold C.; Naidich, Thomas P., **129:** 541, 1978
infusion tomography of the gallbladder in suspected cases of acute cholecystitis (L), Pickleman, Jack, **127:** 555, 1978
infusion tomography of the gallbladder in suspected cases of acute cholecystitis: reply (L), Morin, Martin E.; Baker, Dennis A., **127:** 555, 1978
periosteal osteosarcoma (L), Hall, Ferris M., **129:** 835, 1978
periosteal osteosarcoma: reply (L), deSantos, Luis Alonso; Ayala, Alberto G., **129:** 835, 1978
"spoke-wheel" angiographic pattern in renal masses: nonspecificity (L), Older, Robert A.; Cleeve, Damien M.; Fetter, Bernard F.; Jackson, Donald A.; Weiner, Shelley N.; Bernstein, Robert G., **128:** 836, 1978
Leukemia
leukemic infiltration of the colon, Limberakis, Anthony J.; Mossler, Jeffrey A.; Roberts, Jr., Leroy; Jackson, Donald C.; Thompson, William M., (AJR), **131:** 725, 1978
polypoid leukemic infiltration of the large bowel, Rabin, Michael Stanley; Bledin, Anthony Gerald; Lewis, Dorothy, (AJR), **131:** 723, 1978
Leukemia, complications and sequelae
acute respiratory illness in children with acute lymphoblastic leukemia (ab), Iacuone, John J.; Wong, K. Y.; Bove, Keven E.; Lampkin, Beatrice C., **126:** 834, 1978
lung cancer in chronic leukemia and lymphoma, Libshitz, Herman I.; Zornoza, Jesus; McLarty, Jerry W., **127:** 297, 1978
massive esophageal hemorrhage in leukemia, Stratemeier, Phillip H., (AJR), **129:** 1106, 1977
Leukemia, in infants and children
acute respiratory illness in children with acute lymphoblastic leukemia (ab), Iacuone, John J.; Wong, K. Y.; Bove, Keven E.; Lampkin, Beatrice C., **126:** 834, 1978
enlargement of subarachnoid spaces and lateral ventricles in pediatric patients undergoing chemotherapy (ab), Enzmann, Dieter R.; Lane, Barton, **129:** 557, 1978
intracranial calcification in childhood leukemia: association with systemic chemotherapy (ab), McIntosh, Sue; Fischer, Diana B.; Rothman, Stephen G.; Rosenfield, Nancy; Lobel, Jeffrey S.; O'Brien, Richard T., **128:** 561, 1978
prognostic significance of radiological bone involvement in childhood acute lymphoblastic leukaemia (ab), Masera, G.; Carnelli, V.; Ferrari, M.; Recchia, M.; Bellini, F., **127:** 568, 1978
Leukemia, lymphocytic
total-body irradiation with 25-MV photons in advanced non-Hodgkin's lymphoma and chronic lymphocytic leukemia: preliminary results and complications, Cakmak, Ahmet; Shidnia, Homayoon; Hornback, Ned B.; Einhorn, Lawrence, **128:** 503, 1978
Leukemia, therapeutic radiology
total-body irradiation with 25-MV photons in advanced non-Hodgkin's lymphoma and chronic lymphocytic leukemia: preliminary results and complications, Cakmak, Ahmet; Shidnia, Homayoon; Hornback, Ned B.; Einhorn, Lawrence, **128:** 503, 1978
Leukemia, therapy
intracranial calcification in childhood leukemia: association with systemic chemotherapy (ab), McIntosh, Sue; Fischer, Diana B.; Rothman, Stephen G.; Rosenfield, Nancy; Lobel, Jeffrey S.; O'Brien, Richard T., **128:** 561, 1978
total-body irradiation with 25-MV photons in advanced non-Hodgkin's lymphoma and chronic lymphocytic leukemia: preliminary results and complications, Cakmak, Ahmet; Shidnia, Homayoon; Hornback, Ned B.; Einhorn, Lawrence, **128:** 503, 1978
Leukocytes
See also White blood cells
lymphopenia caused by cranial irradiation in children receiving craniospinal radiotherapy (ab), Harisiadis, Leon; Kopelson, Gene; Chang, Chu H., **126:** 846, 1978
studies on gallium accumulation in inflammatory lesions: III. roles of polymorphonuclear leukocytes and bacteria (ab), Tsan, Min-Fu, **129:** 285, 1978
Levin, Emanuel J.
(obit), **129:** 251, 1978
Lidocaine
See Anesthesia
Ligaments
cervical myelopathy due to ossification of the posterior longitudinal ligament: clinicopathologic study (ab), Murakami, Nobuyuki; Muroga, Tatsuo; Sobue, Itsuro, **128:** 278, 1978
Ligaments, median arcuate
deflation of a Sengstaken tube balloon facilitating catheterization of the celiac artery, Gordon, D. H.; Martin, E. C.; Kim, Y. H., **129:** 819, 1978
Linear accelerators
accelerators for pion clinical facilities (ab), Knapp, E. A., **129:** 287, 1978
Los Alamos scientific laboratory ion linear accelerator program (ab), Knapp, E. A.; Swenson, D. A., **129:** 287, 1978
method for rapid determination of the energy of electron beams from medical linear accelerators, Bell, John H.; Waggener, Robert G., **126:** 787, 1978
study of dose distribution patterns from cobalt-60 and Varian Clinac-4 beams, Nair, Ravi; Kartha, Mukund, (AJR), **130:** 151, 1978
Linear energy transfer
developments in radiotherapy other than heavy particle beams (ab), Fowler, J. F., **129:** 287, 1978
effects of negative Pi mesons on immune responses in mice, Carlson, Donald E., **126:** 803, 1978

present status of low-LET radiation in the management of cancers: challenge to high-LET radiation (ab), Fletcher, Gilbert H., **129:** 287, 1978
three dose components of a negative pion beam and their role in pion radiotherapy, Richman, Chaim; Rodriguez, Jr., Joe F.; Malcom, Jack E.; Stein, Myron L., **128:** 757, 1978

Lipoblastoma
benign lipoblastoma, Rubin, Eva, (SR), **13:** 5, 1978

Lipoma
computed tomography diagnosis of renal angiomyolipoma, Hansen, Gail C.; Hoffman, Richard B.; Sample, W. Frederick; Becker, Ronald, **128:** 789, 1978
ectopic ACTH production and mediastinal lipomatosis, Drasin, George F.; Lynch, Theodore; Temes, Gerald P., **127:** 610, 1978
lipoma of the cerebellopontine angle (ab), Fukui, Masashi; Tanaka, Akira; Kitamura, Katsutohi; Okadera, Toshio, **126:** 547, 1978
lipoma of the corpus callosum associated with a frontal bone defect, Kushnet, Marvin W.; Goldman, Richard L., (AJR), **131:** 517, 1978
lipomatous tumors of the kidney and adrenal: apparent echographic specificity, Scheible, William; Ellenbogen, Paul H.; Leopold, George R.; Siao, Newton T., **129:** 153, 1978
mediastinal lipomatosis: CT confirmation of a normal variant, Homer, Marc J.; Wechsler, Richard J.; Carter, Barbara L., **128:** 657, 1978
pelvic lipomatosis: 5-year followup (ab), Crane, David B.; Smith, M. J. V., **126:** 838, 1978
replacement lipomatosis of the kidney, Ambos, Marjorie A.; Bosniak, Morton A.; Gordon, Richard; Madayag, Manuel A., (AJR), **130:** 1087, 1978
retroperitoneal lipoma in a child, Mineau, D. Edward; Nixon, George W., **126:** 456, 1978
transmural thoracic lipoma: demonstration by computed tomography, Faer, Michael J.; Burnam, Ronald E.; Beck, Charles L., (AJR), **130:** 161, 1978

Lipomatosis
See Lipoma

Liposarcoma
neoplastic pseudoaneurysm of the superior mesenteric artery, Marks, William M.; Jacobs, Richard P.; Clark, Robert E., **126:** 622, 1978

Liver
See also Bile ducts; Portal vein
computed tomography of the liver, Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G., (RCNA), **15:** 331, 1977
evaluation of cholestatic jaundice by computed tomography (ab), DiGiacomo, Jr., P. J.; Laborda, O. E.; Stein, G. N.; Sheer, III, G. W.; Herrera, A. F., **128:** 567, 1978

Liver, abscess
computed tomography and radionuclide imaging of the liver: comparative evaluation, Biello, Daniel R.; Levitt, Robert G.; Siegel, Barry A.; Sagel, Stuart S.; Stanley, Robert J., **127:** 159, 1978
CT-guided Seldinger catheter drainage of a hepatic abscess, Stephenson, Thomas F.; Guzzetta, Louis R.; Tagulinao, Oscar A., (AJR), **131:** 323, 1978
endoscopic retrograde cholangiography (ERC) in nonamebic liver abscesses (ab), Ascione, Antonio; Elias, Elwyn; Scott, James; Sherlock, Sheila, **128:** 567, 1978

Liver, angiography
See also Liver, blood supply; Liver neoplasms; other subheads under Liver
complications of wedge hepatic venography, Castaneda-Zuniga, Wilfrido R.; Jauregui, Hugo; Rysavy, J. A.; Formanek, Augustin; Amplatz, Kurt, **126:** 53, 1978
hepatofugal portal blood flow in hepatic cirrhosis (ab), Foster, D. N.; Herlinger, H.; Miloszewski, K. J. A.; Losowsky, M. S., **128:** 566, 1978
limitations of angiographic differential diagnosis in major hepatic processes (ab), Gutierrez, O. H.; Rosch, J., **126:** 551, 1978
microspl.ere angiography of the liver (ab), Gatti, Edward W., **128:** 862, 1978

Liver, biopsy
angiographic abnormalities following needle biopsy of the liver (ab), Cremniter, D.; Chatel, A.; Bigot, J. M.; Lacombe, P.; Helenon, Ch., **128:** 276, 1978
balloon occlusion of segmental hepatic arteries: control of biopsy-induced hemobilia
reversible peliosis of the liver in a child (ab), Odievre, M.; Chaumont, P.; Gautier, M.; (ab), Dunnick, N. Reed; Doppman, John L.; Brereton, Harmar D., **128:** 276, 1978
transjugular technique of hepatic venography and biopsy, cholangiography, and obliteration of esophageal varices, Goldman, Martin L.; Gonzalez, Antonio C.; Galambos, John T.; Gordon, Ira J.; Oen, Khee-Tiang, **128:** 325, 1978

Liver, blood supply
arteriovenous shunts involving the liver, Adler, Jonathan; Goodgold, Maurice; Mitty, Harold; Gordon, David; Kinkhabwala, Mahesh, **129:** 315, 1978
radionuclide liver spots: indicator of liver disease or a blood flow phenomenon, Tetalman, Marc R.; Kusumi, Rodney; Gaughran, George; Baba, Nobuhisa, (AJR), **130:** 291, 1978

Liver, calcification
uptake of bone imaging agents by diffuse pulmonary metastatic calcification, Rosenthal, Daniel I.; Chandler, Harold L.; Azizi, Fereidoun; Schneider, Peter B., (AJR), **129:** 871, 1977

Liver, cirrhosis
Cruveilhier-Baumgarten syndrome presenting with precordial murmur and thrill: report of a case diagnosed by percutaneous transhepatic portography (ab), Ohkubo, Hideki; Okuda, Kunio; Takayasu, Kenichi; Musha, Hirotaka; Hara, Teruhiko; Hirashima, Takeshi, **129:** 564, 1978
hepatofugal portal blood flow in hepatic cirrhosis (ab), Foster, D. N.; Herlinger, H.; Miloszewski, K. J. A.; Losowsky, M. S., **128:** 566, 1978
limitations of angiographic differential diagnosis in major hepatic processes (ab), Gutierrez, O. H.; Rosch, J., **126:** 551, 1978
new technique for transhepatic liver tract dilatation: aid in transhepatic portography, Pereiras, Raul; Miers, Walter; Hutson, Duane; Viamonte, Jr., Manuel, **127:** 830, 1978
transhepatic occlusion of bleeding esophageal varices in cirrhosis of the liver (ab), Deimer, E.; Funovics, J.; Muller, M., **128:** 566, 1978

Liver, computed tomography
See Computed tomography, liver

Liver, cysts
computed tomography and radionuclide imaging of the liver: comparative evaluation, Biello, Daniel R.; Levitt, Robert G.; Siegel, Barry A.; Sagel, Stuart S.; Stanley, Robert J., **127:** 159, 1978
congenital cystic disease of the liver: isotope scanning, ultrasonography and angiography (ab), McLoughlin, Michael J.; Miskin, Murray; Thompson, Carol P., **128:** 276, 1978
gray scale ultrasonographic evaluation of hepatic cystic disease, Weaver, Jr., Ralph M.; Goldstein, Harvey M.; Green, Barry; Perkins, Carol, (AJR), **130:** 849, 1978
limitations of angiographic differential diagnosis in major hepatic processes (ab), Gutierrez, O. H.; Rosch, J., **126:** 551, 1978
ultrasonography of primary cysts of the liver, Spiegel, Richard M.; King, Donald L.; Green, William M., (AJR), **131:** 235, 1978
"vascular" benign liver cyst in children: report of two cases, Rosch, Josef; Mayer, Barry S.; Campbell, John R.; Campbell, Timothy J., **126:** 747, 1978

Liver, diseases
computed tomography and radionuclide imaging of the liver: comparative evaluation, Biello, Daniel R.; Levitt, Robert G.; Siegel, Barry A.; Sagel, Stuart S.; Stanley, Robert J., **127:** 159, 1978
congenital dilatation of the intrahepatic bile ducts (Caroli's disease), Lucaya, Javier; Gomez, Jose Luis; Molino, Ceferino; Atienza, Juan Gonzalez, **127:** 746, 1978
diagnostic accuracy of CT in circumscript liver disease, Scherer, Ulla; Rothe, Rainer; Eisenburg, Josef; Schildberg, Friedrich-Wilhelm; Meister, Peter; Lissner, Josef, (AJR), **130:** 711, 1978
hepatic schistosomiasis: case with intrahepatic shunting and extrahepatic portal vein occlusion, Sniderman, Kenneth W.; Sos, Thomas A., (AJR), **130:** 565, 1978
hepatic scintigraphy in Caroli's disease, Sty, John R.; Sullivan, Phyllis; Wagner, Richard; Starshak, Robert J., **127:** 732, 1978
intrahepatic pigment stones: Asian disease diagnosed with retrograde cholangiography (ab), Johnson, Lawrence F.; Walta, Douglas C., **129:** 564, 1978
radionuclide liver spots: indicator of liver disease or a blood flow phenomenon, Tetalman, Marc R.; Kusumi, Rodney; Gaughran, George; Baba, Nobuhisa, (AJR), 130: 291, 1978
Vermes, J.-M., **127:** 279, 1978
scintigraphic abnormalities in glycogen storage disease (ab), Miller, John H.; Gates, Gary F.; Landing, Benjamin H.; Kogut, Maurice D.; Roe, Thomas F., **128:** 861, 1978
use of abdominal contrast tomography in liver disease (ab), Dalla Palma, L.; Bacarini, L.; Bazzocchi, M.; Di Pietrantonio, M., **127:** 565, 1978

Liver, gas in
hepatic-portal venous gas in adults: etiology, pathophysiology and clinical significance (ab), Liebman, Paul R.; Patten, Michael T.; Manny, Jonah; Benfield, John R.; Hechtman, Herbert B., **128:** 855, 1978

Liver, hyperplasia
angiographic and echographic findings in avascular focal nodular hyperplasia of liver, Whitley, Nancy O.; Cunningham, Jerome J., (AJR), **130:** 777, 1978
focal nodular hyperplasia and liver cell adenoma: radiologic and pathologic differentiation, Casarella, William J.; Knowles, Daniel M.; Wolff, Marianne; Johnson, Philip M., (AJR), **131:** 393, 1978

Liver, necrosis
limitations of angiographic differential diagnosis in major hepatic processes (ab), Gutierrez, O. H.; Rosch, J., **126:** 551, 1978

Liver neoplasms
obstructive jaundice caused by hepatocellular carcinoma: report of three cases (ab), Afroudakis, A.; Bhuta, S. M.; Ranganath, K. A.; Kaplowitz, N., **129:** 853, 1978
proximal versus peripheral hepatic artery embolization: experimental study in monkeys, Doppman, John L.; Girton, Mary; Kahn, E. Ronald, **128:** 577, 1978

Liver neoplasms, angiography
hemangiomas of the liver in patients with renal cell carcinoma, Madayag, Manuel A.; Bosniak, Morton A.; Kinkhabwala, Mahesh; Becker, Joshua, A., **126:** 391, 1978
"vascular" benign liver cyst in children: report of two cases, Rosch, Josef; Mayer, Barry S.; Campbell, John R.; Campbell, Timothy J., **126:** 747, 1978

Liver neoplasms, diagnosis
computed tomography and radionuclide imaging of the liver: comparative evaluation, Biello, Daniel R.; Levitt, Robert G.; Siegel, Barry A.; Sagel, Stuart S.; Stanley, Robert J., **127:** 159, 1978
focal nodular hyperplasia and liver cell adenoma: radiologic and pathologic differentiation, Casarella, William J.; Knowles, Daniel M.; Wolff, Marianne; Johnson, Philip M., (AJR), **131:** 393, 1978
limitations of angiographic differential diagnosis in major hepatic processes (ab), Gutierrez, O. H.; Rosch, J., **126:** 551, 1978

Liver neoplasms, radionuclide diagnosis
clinical evaluation of tumor imaging with ^{201}Tl chloride, Hisada, Kinichi; Tonami, Norihisa; Miyamae, Tatsuya; Hiraki, Yoshio; Yamazaki, Toshio; Maeda, Tatsuo; Nakajo, Masayuki, **129:** 497, 1978
use of ultrasound to enhance the diagnostic utility of the equivocal liver scintigraph, Sullivan, Daniel C.; Taylor, Kenneth J. W.; Gottschalk, Alexander, **128:** 727, 1978

Liver neoplasms, secondary
accumulation of bone-seeking radionuclides in liver metastasis from colon carcinoma (ab), Garcia, Antonio C.; Yeh, S. D. J.; Benua, R. S., **127:** 575, 1978
accumulation of ^{99m}Tc-diphosphonate in hepatic neoplasm, Ghaed, Nasser; Marsden, Richard J., **126:** 192, 1978
assessment of routine liver scanning in patients with breast cancer (ab), Wiener, Stephen N.; Sachs, Sidney H., **127:** 860, 1978
distant metastases in nasopharyngeal carcinoma (ab), Khor, T. H.; Tan, B. C.; Chua, E. J.; Chia, K. B., **129:** 560, 1978
gray scale echographic patterns of hepatic metastatic disease, Scheible, William; Gosink, Barbara B.; Leopold, George R., (AJR), **129:** 983, 1977
liver metastases discovered during high-dose excretory urography, Brennan, Richard; Cossrow, Joel; Pollack, Howard, **127:** 373, 1978
ultrasonography of necrotic hepatic metastases, Wooten, Wayne B.; Green, Barry; Goldstein, Harvey M., **128:** 447, 1978

Liver neoplasms, therapeutic radiology
histopathologic studies of the liver following intravenous colloidal ^{198}Au therapy, Nelson, Bill M.; Andrews, Gould A.; Watson, Evelyn E., **127:** 239, 1978

Liver neoplasms, therapy
arterial changes during treatment with intrahepatic arterial infusion of 5-fluorouracil, Forsberg, Lillemor; Hafstrom, Larsolof; Lunderquist, Anders; Sundqvist, Kaj, **126:** 49, 1978
complications of long term transbrachial hepatic arterial infusion chemotherapy, Clouse, Melvin E.; Ahmed, Rashid; Ryan, Rodney B.; Oberfield, Richard A.; McCaffrey, Joyce A., (AJR), **129:** 799, 1977
quadruple chemotherapy versus radiotherapy in treatment of primary hepatocellular carcinoma (ab), Cochrane, A. M. G.; Murray-Lyon, I. M.; Brinkley, D. M.; Williams, Roger, **126:** 558, 1978
Liver neoplasms, ultrasound diagnosis
gray scale echographic patterns of hepatic metastatic disease, Scheible, William; Gosink, Barbara B.; Leopold, George R., (AJR), **129:** 983, 1977
gray scale sonographic appearance of intra-abdominal mesenchymal sarcomas, Bree, Robert L.; Green, Barry, **128:** 193, 1978
use of ultrasound to enhance the diagnostic utility of the equivocal liver scintigraph, Sullivan, Daniel C.; Taylor, Kenneth J. W.; Gottschalk, Alexander, **128:** 727, 1978
Liver, radiation effects
thoracic effects of therapeutic irradiation for breast carcinoma, Meyer, Jack E., (AJR), **130:** 877, 1978
Liver, radiography
use of abdominal contrast tomography in liver disease (ab), Dalla Palma, L.; Bacarini, L.; Bazzocchi, M.; Di Pietrantonio, M., **127:** 565, 1978
Liver, radionuclide studies
abnormal radiocolloid and MAA uptake by the liver in superior vena caval obstruction (ab), Yeh, Samuel D. J.; Garcia, A.; Benua, R. S., **127:** 574, 1978
accumulation of bone-seeking radionuclides in liver metastasis from colon carcinoma (ab), Garcia, Antonio C.; Yeh, S. D. J.; Benua, R. S., **127:** 575, 1978
accumulation of ^{99m}Tc-diphosphonate in hepatic neoplasm, Ghaed, Nasser; Marsden, Richard J., **126:** 192, 1978
assessment of routine liver scanning in patients with breast cancer (ab), Wiener, Stephen N.; Sachs, Sidney H., **127:** 860, 1978
clinical evaluation of Tc-99m-diethyl-IDA in hepatobiliary disorders (ab), Pauwels, S.; Steels, M.; Piret, L.; Beckers, C., **129:** 575, 1978
computed tomography and radionuclide imaging of the liver: comparative evaluation, Biello, Daniel R.; Levitt, Robert G.; Siegel, Barry A.; Sagel, Stuart S.; Stanley, Robert J., **127:** 159, 1978
congenital syphilitic hepatitis: radionuclide study, Gates, Gary F.; Stanley, Philip; Gwinn, John L.; Miller, John H., **128:** 163, 1978
diagnosis of hepatobiliary disease by ^{99m}Tc-HIDA cholescintigraphy, Rosenthall, L.; Shaffer, E. A.; Lisbona, R.; Pare, P., **126:** 467, 1978
experimental investigations of the possible cause of liver appearance during bone scanning, Zimmer, A. Michael; Pavel, Dan G., **126:** 813, 1978
hepato-biliary scintigraphy and hepatography with 99mTc diethyl-acetanilido-iminodiacetate in obstructive jaundice (ab), Nielsen, S. Pors; Trap-Jensen, J.; Lindenberg, J.; Nielsen, M. Lykkegard, **129:** 285, 1978
how many views to a liver scan? (ab), Lentle, Brian C.; Jackson, Frank I.; Higgins, Elizabeth M., **129:** 575, 1978
indications for liver and brain scans: screening tests for patients with oat cell carcinoma of the lung (ab), Wittes, Robert E.; Yeh, Samuel D. J., **127:** 573, 1978
liver scintigraphic features associated with alcoholism (ab), Drum, David E.; Beard, Judith O., **128:** 286, 1978
liver-spleen imaging for trauma—revisited (ab), Carter, Robert; Sambhi, Rajinder P., **127:** 574, 1978
microsphere angiography of the liver (ab), Gatti, Edward W., **128:** 862, 1978
motion corrected hepatic scintigraphy: objective clinical evaluation (ab), Turner, David A.; Fordham, Ernest W.; Ali, Amjad; Rubin, Paul D.; Muerhrcke, Robert C.; Oppenheim, Bernard E.; Yasillo, Nicholas J.; Sukerkar, Arun N.; Novetsky, Gary J.; Dalia, Depak P., **128:** 286, 1978
radionuclide liver spots: indicator of liver disease or a blood flow phenomenon, Tetalman, Marc R.; Kusumi, Rodney; Gaughran, George; Baba, Nobuhisa, (AJR), **130:** 291, 1978
scintigraphic abnormalities in glycogen storage disease (ab), Miller, John H.; Gates, Gary F.; Landing, Benjamin H.; Kogut, Maurice D.; Roe, Thomas F., **128:** 861, 1978
technetium-99m-labelled diethyl-acetanilido-iminodiacetate: new hepatobiliary agent. preliminary report (ab), Tjen, H. S. L. M.; van der Pompe, W. B.; Cox, P. H., **128:** 861, 1978
vascular dynamics in liver scan "hot spot" (ab), Henke, C. E.; Wolff, J. M.; Shafer, R. B., **129:** 862, 1978
Liver, ultrasound studies
angiographic and echographic findings in avascular focal nodular hyperplasia of liver, Whitley, Nancy O.; Cunningham, Jerome J., (AJR), **130:** 777, 1978
echographic characteristics of fatty tissues and tumors, Behan, Michael; Kazam, Elias, **129:** 143, 1978
gray scale ultrasonographic evaluation of hepatic cystic disease, Weaver, Jr., Ralph M.; Goldstein, Harvey M.; Green, Barry; Perkins, Carol, (AJR), **130:** 849, 1978
ultrasonography of necrotic hepatic metastases, Wooten, Wayne B.; Green, Barry; Goldstein, Harvey M., **128:** 447, 1978
ultrasonography of primary cysts of the liver, Spiegel, Richard M.; King, Donald L.; Green, William M., (AJR), **131:** 235, 1978
ultrasound: new diagnostic approach to the jaundiced patient (ab), Isikoff, Michael B.; Diaconis, John N., **126:** 557, 1978
Loeffler endocarditis
See Heart, diseases
Loeffler endomyocarditis
See Myocardium, inflammation
Ludwig angina
See Jaws; Mouth
Lung neoplasms
ectopic ACTH production and mediastinal lipomatosis, Drasin, George F.; Lynch, Theodore; Temes, Gerald P., **127:** 610, 1978
nodular pulmonary sarcoidosis: clinical, roentgenographic and physiologic course in five patients (ab), Onal, Ergun; Lopata, Melvin; Lourenco, Ruy V., **126:** 550, 1978
Philadelphia Pulmonary Neoplasm Research Project: symptoms in occult lung cancer (ab), Weiss, William; Seldman, Herbert; Boucout, Katherine, **127:** 850, 1978
pleural-based lesion arising from lung, pleura, or chest wall, Reeder, Maurice M., (SR), **12:** 261, 1977
prognosis of lung cancer originating as a round lesion: data from the Philadelphia Pulmonary Neoplasm Research Project (ab), Weiss, William; Boucot, Kathryn, **127:** 278, 1978
radiologic-pathologic correlations of small lung nodules with special reference to peribronchiolar nodules, Itoh, Harumi; Tokunaga, Susumu; Asamoto, Hitoshi; Furuta, Mutsuhiro; Funamoto, Yasunobu; Kitaichi, Masanori; Torizuka, Kanji, (AJR), **130:** 223, 1978
Lung neoplasms, diagnosis
accuracy of chest film screening by technologists in the New York early lung cancer detection program, Flehinger, Betty J.; Melamed, Myron R.; Heelan, Robert T.; McGinnis, Carolyn M.; Zaman, Muhammad B.; Martini, Nael, (AJR), **131:** 593, 1978
air meniscus sign in sclerosing hemangioma of the lung, Bahk, Yong Whee; Shinn, Kyung Sub; Choi, Byung Suk, **128:** 27, 1978
aspiration biopsies of chest lesions, Lalli, Anthony F.; McCormack, Lawrence J.; Zelch, Margaret; Reich, Norbert E.; Belovich, Doris, **127:** 35, 1978
benign clear-cell tumor ("sugar" tumor) of the lung: case report and review of the literature, Harbin, William P.; Mark, Gene J.; Greene, Reginald E., **129:** 595, 1978
benign solitary lung lesions in patients with cancer (ab), Cahan, William G.; Shah, Jatin P.; Castro, El. B., **128:** 852, 1978
bronchioloalveolar carcinoma: two clinical entities with one pathologic diagnosis, Miller, Wallace T.; Husted, James; Freiman, David; Atkinson, Barbara; Pietra, Giuseppe G., (AJR), **130:** 905, 1978
comparison of computed and conventional whole lung tomography in detecting pulmonary nodules: prospective radiologic-pathologic study, Schaner, Everett G.; Chang, Alfred E.; Doppman, John L.; Conkle, David M.; Flye, M. Wayne; Rosenberg, Steven A., (AJR), **131:** 51, 1978
computed tomography of solitary pulmonary nodules: experience with scanning times longer than breath-holding (ab), Raptopoulos, Vassillios; Schellinger, Dieter; Katz, Sol, **127:** 849, 1978
computed tomography of the thorax, Jost, R. Gilbert; Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G., **126:** 125, 1978
lung cancer in chronic leukemia and lymphoma, Libshitz, Herman I.; Zornoza, Jesus; McLarty, Jerry W., **127:** 297, 1978
pleural tail sign, Webb, W. Richard, **127:** 309, 1978
primary roentgen-negative lung cancer with positive sputum cytology (ab), Sinner, W. N.; Nasiell, M.; Tornvall, G., **128:** 272, 1978
pulmonary processes of mature-appearing lymphocytes: pseudolymphoma, well-differentiated lymphocytic lymphoma, and lymphocytic interstitial pneumonitis, Julsrud, Paul R.; Brown, Larry R.; Li, Chin-Yang; Rosenow, III, Edward C.; Crowe, John K., **127:** 289, 1978
pulmonary varix in early infancy: case report with 8-year follow up, Chilton, Sarah J.; Campbell, John B., **129:** 400, 1978
radiographic spectrum of cardiopulmonary amyloidosis (ab), Himmelfarb, Elliott; Wells, Stanley; Rabinowitz, Jack G., **126:** 549, 1978
role of conventional tomography and computed tomography in assessing the resectability of primary lung cancer: preliminary report (ab), Shevland, John E.; Chiu, Lee C.; Schapiro, Rolf L.; Young, John A.; Rossi, Nicholas P., **128:** 852, 1978
Lung neoplasms, metastases
effectiveness of prophylactic brain irradiation in small cell carcinoma of the lung: Southwest Oncology Group Study (ab), Moore, Terence N.; Livingston, Robert; Heilbrun, Lance; Eltringham, James; Skinner, Odis; White, Joel; Tesh, Donald, **129:** 575, 1978
'silent' brain metastasis from lung carcinoma determined by computerized tomography (ab), Jacobs, Lawrence; Kindel, William R.; Vincent, Ronald G., **128:** 269, 1978
Lung neoplasms, radionuclide diagnosis
accumulation and localization of gallium-67 in various types of primary lung carcinoma (ab), Thesingh, C. W.; Driessen, O. M.; Daems, W. Th.; Franken, C.; Pauwels, E. K. J.; Scheffer, E.; Vermeij, J.; Wisse, E., **128:** 285, 1978
application of ^{67}Ga scanning in determining the operability of bronchogenic carcinoma, Lesk, David M.; Wood, Thomas E.; Carroll, S. Edwin; Reese, Lionel, **128:** 707, 1978
clinical evaluation of tumor imaging with ^{201}Tl chloride, Hisada, Kinichi; Tonami, Norihisa; Miyamae, Tatsuya; Hiraki, Yoshio; Yamazaki, Toshio; Maeda, Tatsuo; Nakajo, Masayuki, **129:** 497, 1978
clinicopathologic correlations demonstrating the failure of ^{67}gallium scanning in determining response to radiotherapy (ab), Bitran, Jacob D.; DeMeester, Tom R.; Rezai-Zadeh, Karim; Toledo-Pereyra, Luis H.; Churg, Andrew; Golomb, Harvey M., **128:** 286, 1978
indications for liver and brain scans: screening tests for patients with oat cell carcinoma of the lung (ab), Wittes, Robert E.; Yeh, Samuel D. J., **127:** 573, 1978
lung cancer: to operate or not? (ab), Mittman, Charles; Bruderman, Israel, **126:** 550, 1978
Lung neoplasms, secondary
case of the summer season: benign metastasizing leiomyomas of the lung, Becker, Joseph M., (SR), **13:** 189, 1978
detection of hypertrophic pulmonary osteoarthropathy associated with pulmonary metastatic disease (ab), Costello, Philip; Gramm, Herbert F.; Lokich, Jacob, **128:** 861, 1978
detection of metastatic malignant melanoma by chest roentgenography (ab), Simeone, Joseph F.; Putnam, Charles E.; Greenspan, Richard H., **126:** 276, 1978
distant metastases in nasopharyngeal carcinoma (ab), Khor, T. H.; Tan, B. C.; Chua, E. J.; Chia, K. B., **129:** 560, 1978
enhancement of lung colony-forming efficiency by local thoracic irradiation: interpretation of labeled cell studies, Peters, Lester J.; Mason, Kathryn; McBride, William H.; Patt, Yehuda Z., **126:** 499, 1978
metastasizing ependymoma of the cauda equina: case report (ab), Mavroudis, Constantine; Townsend, Jeannette J.; Wilson, Charles B., **129:** 281, 1978
pulmonary metastases of choriocarcinoma (ab), Libshitz, Herman I.; Baber, Collins E.; Hammond, Charles B., **126:** 276, 1978
pulmonary resection in metastatic carcinoma (ab), McCormack, Patricia M.; Bains, Manjit S.; Beattie, Edward J.; Martini, Nael, **128:** 273, 1978

Lung neoplasms, staging
lung cancer: to operate or not? (ab), Mittman, Charles; Bruderman, Israel, **126:** 550, 1978
Lung neoplasms, therapeutic radiology
dose-time relationships and the local control of small cell carcinoma of the lung, Cox, James D.; Byhardt, Roger W.; Wilson, J. Frank; Komaki, Ritsuko; Eisert, Donald R.; Greenberg, Maurice, **128:** 205, 1978
pneumothorax as a complication of radiation therapy for primary lung cancer (ab), Hay, Michael R.; Cho, Kyung J.; Shin, Hyunchul, **126:** 287, 1978
value of computed tomography in radiotherapy of lung cancer, Emami, Bahman; Melo, Agustin; Carter, Barbara L.; Munzenrider, John E.; Piro, Anthony J., (AJR), **131:** 63, 1978
Lung neoplasms, therapy
lung cancer: to operate or not? (ab), Mittman, Charles; Bruderman, Israel, **126:** 550, 1978
oat cell carcinoma of the lung: combination treatment with radiotherapy and cyclophosphamide, adriamycin, vincristine, and methotrexate (ab), Wittes, Robert E.; Hopfan, Seymour; Hilaris, Basil; Golbey, Robert B.; Melamed, Myron; Martini, Nael, **126:** 558, 1978
pulmonary granulomas induced by BCG (ab), Au, Francis C.; Webber, Bruce; Rosenberg, Steven A., **129:** 562, 1978
small-cell carcinoma of the lung: combined chemotherapy and radiation. a Southwest Oncology Group Study (ab), Livingston, R. B.; Moore, T. N.; Heilbrun, L.; Bottomley, R.; Lehane, D.; Rivkin, S. E.; Thigpen, T., **129:** 286, 1978
"total" therapy for oat cell carcinoma of the lung (ab), Kent, C. Harry; Brereton, Harmar D.; Johnson, Ralph E., **126:** 845, 1978
Lung neoplasms, ultrasound diagnosis
gray scale echocardiography of the lung and pleural space: current applications of oncologic interest (ab), Cunningham, Jerome J., **128:** 859, 1978
Lungs
See also Bronchi; Bronchitis; Bronchography; Lung neoplasms; Pleura; Pneumonia; Radiations, injurious effects; Respiratory distress syndrome; Respiratory tract
pulmonary manifestations of acute aspiration of gastric contents, Landay, Michael J.; Christensen, Edward E.; Bynum, Lincoln J., (AJR), **131:** 587, 1978
Lungs, abnormalities
arteriovenous malformation of the right leaf of the diaphragm communicating with vascular malformation of the right lung, Rashad, Fouad A.; Bellon, Errol M., (AJR), **131:** 507, 1978
congenital cystic adenomatoid malformation: report of three unusual cases, Wexler, Howard A.; Valdes, Dapena, Marie, **126:** 737, 1978
lung following repair of congenital diaphragmatic hernia (ab), Wohl, Mary Ellen B.; Griscom, N. Thorne; Strieder, Denise J.; Schuster, Samuel R.; Treves, Salvador; Zwerdling, Robert G., **126:** 276, 1978
radiographic study of congenital pulmonary atresia with ventricular septal defect, Soto, Benigno; Pacifico, Albert D.; Luna, Rodrigo F.; Bargeron, Jr., L. M., (AJR), **129:** 1027, 1977
radionuclide angiographic diagnosis of bronchopulmonary sequestration. (ab), Gooneratne, Nihal; Conway, James J., **126:** 559, 1978
radionuclide study in pulmonary sequestration (ab), Kawakami, Kenji; Tada, Shimpei; Katsuyama, Naofumi; Mochizuki, Sachio, **128:** 575, 1978
Lungs, abscess
air–fluid level in cavitary pulmonary tuberculosis, Cohen, Jeffrey R.; Amorosa, Judith Korek; Smith, Peter R., **127:** 315, 1978
hilar and mediastinal adenopathy caused by bacterial abscess of the lung, Rohlfing, Barbara M.; White, Eric A.; Webb, W. Richard; Goodman, Philip C., **128:** 289, 1978
Lungs, aeration
See Lungs, ventilation
Lungs, anatomy
lung: its growth and remodeling in health and disease, Reid, Lynne, (AJR), **129:** 777, 1977
Lungs, angiography
clinical course of patients with suspected pulmonary embolism and a negative pulmonary arteriogram, Novelline, Robert A.; Baltarowich, Oksana H.; Athanasoulis, Christos A.; Waltman, Arthur C.; Greenfield, Alan J.; McKusick, Kenneth A., **126:** 561, 1978
Lungs, atelectasis
See Lungs, collapse
Lungs, biopsy
aspiration biopsies of chest lesions, Lalli, Anthony F.; McCormack, Lawrence J.; Zelch, Margaret; Reich, Norbert E.; Belovich, Doris, **127:** 35, 1978
percutaneous biopsy using a safe, effective needle, Arntson, Thomas L.; Boyd, Wayne R., **127:** 265, 1978
specially designed cutting aspiration needle for lung biopsy, Ballard, Gary L.; Boyd, Wayne R., (AJR), **130:** 899, 1978
Lungs, blood supply
^{81m}Kr ventilation and ^{99m}Tc perfusion scans in chest disease: comparison with standard radiographs, Fazio, Ferruccio; Lavender, J. Peter; Steiner, Robert E., (AJR), **130:** 421, 1978
Lungs, calcification
diffuse interstitial calcification of the lungs in chronic renal failure mimicking pulmonary edema, Firooznia, Hossein; Pudlowski, Rochelle; Golimbu, Cornelia; Rafii, Mahvesh; McCauley, Dorothy, (AJR), **129:** 1103, 1977
metastatic calcification: role of bone scanning, Venkatesh, Nagammal; Polcyn, Robert E.; Norback, Diane H., **129:** 755, 1978
pulmonary uptake of ^{99m}Tc diphosphonate in alveolar microlithiasis, Brown, Manuel L.; Swee, Ronald G.; Olson, Robert J.; Bender, Clair E., (AJR), **131:** 703, 1978
radiographic manifestations of broncholithiasis, Vix, Vernon A., **128:** 295, 1978
uptake of bone imaging agents by diffuse pulmonary metastatic calcification, Rosenthal, Daniel I.; Chandler, Harold L.; Azizi, Fereidoun; Schneider, Peter B., (AJR), **129:** 871, 1977
Lungs, cavitation
account of pleural effusions, pulmonary nodules and cavities attributable to rheumatoid disease (ab), Jones, J. Spencer, **128:** 852, 1978
hilar and mediastinal adenopathy caused by bacterial abscess of the lung, Rohlfing, Barbara M.; White, Eric A.; Webb, W. Richard; Goodman, Philip C., **128:** 289, 1978
Lungs, chronic obstructive lung disease
^{81m}Kr ventilation and ^{99m}Tc perfusion scans in chest disease: comparison with standard radiographs, Fazio, Ferruccio; Lavender, J. Peter; Steiner, Robert E., (AJR), **130:** 421, 1978
noninvasive assessment of left ventricular performance in patients with chronic obstructive pulmonary disease (ab), Kling, Lawrence E.; Crawford, Michael H.; MacDonald, Jr., William J.; Schelbert, Heinz; O'Rourke, Robert A.; Moser, Kenneth M., **127:** 571, 1978
"saber-sheath" trachea: relation to chronic obstructive pulmonary disease, Greene, Reginald, (AJR), **130:** 441, 1978
ventilation patterns mimicking COPD in patients with diaphragmatic pacing for Ondine's curse, Makhija, Mohanlal C.; Bronfman, Howard J.; Lange, Robert C.; Glenn, William L.; Gottshalk, Alexander, **129:** 111, 1978
Lungs, collapse
hilar height ratio, Homer, Marc J., **129:** 11, 1978
pulmonary complications associated with prune-belly syndrome, Alford, Bennett A.; Peoples, W. M.; Resnick, Jack S.; L'Heureux, Philippe R., **129:** 401, 1978
syndrome of inappropriate antidiuretic hormone secretion in neonates with pneumothorax or atelectasis (ab), Paxson, Jr., Charles L.; Stoerner, Joan W.; Denson, Susan E.; Adcock, III, Eugene W.; Morriss, Jr., Frank H., **127:** 849, 1978
unusual radiographic features of Wegener's granulomatosis, Maguire, Roderick; Fauci, Anthony S.; Doppman, John L.; Wolff, Sheldon M., (AJR), **130:** 233, 1978
Lungs, consolidation
pulmonary consolidation associated with infusion of a glucose-insulin-potassium solution in acute myocardial infarction (ab), Dye, Larry E.; Shin, Myung Soo; Witten, David M.; Russell, Jr., Richard O.; Rackley, Charles E.; Hogg, David E., **128:** 273, 1978
Lungs, cysts
account of pleural effusions, pulmonary nodules and cavities attributable to rheumatoid disease (ab), Jones, J. Spencer, **128:** 852, 1978
congenital cystic adenomatoid malformation: report of three unusual cases, Wexler, Howard A.; Valdes, Dapena, Marie, **126:** 737, 1978
roentgenologic changes in pulmonary echinococcosis (ab), Vessal, K.; Rezvani, L.; Farpour, A.; Dutz, W.; Robertson, H., **126:** 834, 1978
Lungs, diseases
See also Respiratory distress syndrome; Respiratory tract; under names of specific diseases, as Emphysema; Pneumoconiosis; Pneumonia; Tuberculosis, pulmonary; etc.
allergic bronchopulmonary aspergillosis in three patients with normal chest x-ray films (ab), Rosenberg, Michael; Mintzer, Richard; Aaronson, Donald W.; Patterson, Roy, **127:** 277, 1978
chest radiograph in Legionnaires' disease, Dietrich, Peter A.; Johnson, Robert D.; Fairbank, Jonathan T.; Walke, John S., **127:** 577, 1978
chest radiograph in Wegener's granulomatosis (ab), Lehmann, H.; Popken, H.; Gross, W. L.; Schlaak, M., **129:** 279, 1978
Coccidioidomycosis: part I (ab), Drutz, David J.; Catanzaro, Antonino, **128:** 852, 1978
coccidioidomycosis: part II (ab), Drutz, David J.; Catanzaro, Antonino, **128:** 852, 1978
diffuse pulmonary hemangiomatosis, Rowen, Marshall; Thompson, James R.; Williamson, Robin A.; Wood, Betty J., **127:** 445, 1978
drug-induced pulmonary disease (ab), Rosenow, III, Edward C., **127:** 561, 1978
gastroesophageal reflux in infants and children: correlation of radiological severity and pulmonary pathology, Darling, Donald B.; McCauley, Roy G. K.; Leonidas, John C.; Schwartz, Alan M., **127:** 735, 1978
hard metal pneumoconiosis: another cause of diffuse interstitial fibrosis, Forrest, Maureen E.; Skerker, Leonard B.; Nemiroff, Martin J., **128:** 609, 1978
hilar and mediastinal adenopathy caused by bacterial abscess of the lung, Rohlfing, Barbara M.; White, Eric A.; Webb, W. Richard; Goodman, Philip C., **128:** 289, 1978
histoplasmosis (ab), Goodwin, Jr., Robert A.; Des Prez, Roger M., **129:** 562, 1978
long-term pulmonary sequelae of the Wilson-Mikity syndrome (ab), Coates, Allan L.; Bergsteinsson, Hordur; Desmond, Katharine; Outerbridge, Eugene W.; Beaudry, Pierre H., **129:** 279, 1978
miliary aspergillosis associated with alcoholism, Blum, Jeffrey; Reed, James C.; Pizzo, Salvatorie V.; Thompson, William M., (AJR), **131:** 707, 1978
Mycoplasma pneumoniae infections in children (ab), Stevens, David; Swift, P. G. F.; Johnston, P. G. B.; Kearney, P. J.; Corner, Beryl D.; Burman, David, **128:** 564, 1978
patho-radiologic correlation of invasive pulmonary aspergillosis in the compromised host (ab), Orr, Donald P.; Myerowitz, Richard L.; Dubois, Philip J., **129:** 278, 1978
pathoradiologic correlation of pulmonary candidiasis in immunosuppressed patients (ab), Dubois, Philip J.; Myerowitz, Richard L.; Allen, Chris M., **126:** 834, 1978
pleural tail sign, Webb, W. Richard, **127:** 309, 1978
pleuropulmonary amoebiasis in Ghana: report of three cases (ab), Mukerjee, Chitta M., **129:** 852, 1978
pulmonary actinomycosis: report of three cases, Balikian, Jirayr P.; Cheng, Tien H.; Costello, Philip; Herma.., Peter G., **128:** 613, 1978
pulmonary alveolar microlithiasis (ab), Thind, G. S.; Bhatia, J. L., **129:** 852, 1978
pulmonary nocardiosis, Balikian, Jirayr P.; Herman, Peter G.; Kopit, Sandra, **126:** 569, 1978
radiographic spectrum of pleuropulmonary tularemia, Rubin, Sanford A., (AJR), **131:** 277, 1978
radiological appearance of pulmonary blastomycosis, Laskey, Warren; Sarosi, George A., **126:** 351, 1978
radiologic appearance of viral disease of the lower respiratory tract in infants and children, Osborne, Dennis, (AJR), **130:** 29, 1978
reevaluation of intrathoracic lymphadenopathy in sarcoidosis, Bein, M. E.; Putman, C. E.; McLoud, Theresa C.; Mink, J. H., (AJR), **131:** 409, 1978
relationship between acute respiratory illness and air pollution levels in an industrial city (ab), Levy, D.; Gent, M.; Newhouse, M. T., **126:** 276, 1978
reversible respiratory disease in beryllium workers (ab), Sprince, Nancy L.; Kanarek, David J.; Weber, Alfred L.; Chamberlin, Richard I.; Kazemi, Homayoun, **129:** 279, 1978

sarcoidosis and mediastinal emphysema, Amorosa, Judith Korek; Schaffer, Richard M.; Smith, Peter R.; Cohen, Jeffrey R.; Robinson, Theodore, **127:** 314, 1978
significance of radiographic findings in early-onset group B streptococcal infection (ab), Lilien, Lawrence D.; Harris, Vivian J.; Pildes, Rosita S., **127:** 562, 1978
spectrum of radiologic findings in allergic bronchopulmonary aspergillosis, Mintzer, Richard A.; Rogers, Lee F.; Kruglik, Gerald D.; Rosenberg, Michael; Neiman, Harvey L.; Patterson, Roy, **127:** 301, 1978
strontium-87m lung scans in pulmonary aspergillosis, Rohatgi, Prashant K.; Simon, David B.; Goldstein, Robert A.; Reba, Richard C., (AJR), **129:** 879, 1977
utility of contrast echocardiographic techniques in the case of critically ill infants with cardiac and pulmonary disease (ab), Sahn, David J.; Allen, Hugh D.; George, Wendy; Mason, Maris; Goldberg, Stanley J., **127:** 571, 1978

Lungs, drug effects
pulmonary complications of renal transplantation: survey of patients treated by low-dose immunosuppression, Webb, W. Richard; Gamsu, Gordon; Rohlfing, Barbara M.; Thorburn, Kim; Kalifa, L. Gabriel; Amend, William J. C.; Roberts, Margaret; Salvatierra, Jr., Oscar, **126:** 1, 1978
pulmonary disease with chlorambucil therapy (ab), Cole, Solon R.; Myers, Thomas J.; Klatsky, Alan U., **128:** 565, 1978

Lungs, edema
diffuse interstitial calcification of the lungs in chronic renal failure mimicking pulmonary edema, Firooznia, Hossein; Pudlowski, Rochelle; Golimbu, Cornelia; Rafii, Mahvesh; McCauley, Dorothy, (AJR), **129:** 1103, 1977
pulmonary complications of renal transplantation: survey of patients treated by low-dose immunosuppression, Webb, W. Richard; Gamsu, Gordon; Rohlfing, Barbara M.; Thorburn, Kim; Kalifa, L. Gabriel; Amend, William J. C.; Roberts, Margaret; Salvatierra, Jr., Oscar, **126:** 1, 1978
pulmonary edema following skin absorption of organophosphate insecticide (ab), Kass, J. B.; Khamapirad, T.; Wagner, M. L., **129:** 852, 1978
radiographic findings in Rocky Mountain spotted fever, Lees, Richard F.; Harrison, R. Brent; Williamson, Brian R. J.; Shaffer, Jr., Hubert A., **129:** 17, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978
unilateral pulmonary edema, Calenoff, Leonid; Kruglik, Gerald D.; Woodruff, Ayn, **126:** 19, 1978

Lungs, embolism
See Embolism, pulmonary

Lungs, fibrosis
hard metal pneumoconiosis: another cause of diffuse interstitial fibrosis, Forrest, Maureen E.; Skerker, Leonard B.; Nemiroff, Martin J., **128:** 609, 1978
late-onset pulmonary fibrosis and chest deformity in two children treated with cyclophosphamide (ab), Alvarado, Carlos S.; Boat, Thomas F.; Newman, Arthur J., **129:** 561, 1978
occurrence of lung granulomas in patients with stage I sarcoidosis, Rosen, Yale; Amorosa, Judith K.; Moon, Sanggiu; Cohen, Jeffrey; Lyons, Harold A., (AJR), **129:** 1083, 1977
pulmonary changes in paraquat poisoning, Bier, Robert K.; Osborne, Isaac J. T., **127:** 308, 1978
pulmonary disease with chlorambucil therapy (ab), Cole, Solon R.; Myers, Thomas J.; Klatsky, Alan U., **128:** 565, 1978
radiographic findings in acute silicosis, Dee, Paul; Suratt, Paul; Winn, Washington, **126:** 359, 1978

Lungs, fluid
diffuse pulmonary hemangiomatosis, Rowen, Marshall; Thompson, James R.; Williamson, Robin A.; Wood, Betty J., **127:** 445, 1978

Lungs, gangrene
gangrene of the lung: successful medical management of three patients, O'Reilly, Gerald V.; Dee, Paul M.; Otteni, Gerald V., **126:** 575, 1978

Lungs, hemorrhage
case of the spring season: (angiosarcoma of right atrium with hemorrhagic pulmonary metastases and spontaneous pneumothorax), Starshak, Robert J., (SR), **13:** 83, 1978
decline and early fall of neonatal pulmonary hemorrhage (ab), Wesenberg, Richard L.; Rumack, Carol M.; Shikes, Robert H., **127:** 277, 1978
diagnostic lavage and occult pulmonary hemorrhage in thrombocytopenic immunocompromised patients (ab), Drew, W. Lawrence; Finley, Theodore N.; Golde, David W., **126:** 276, 1978
pulmonary changes in paraquat poisoning, Bier, Robert K.; Osborne, Isaac J. T., **127:** 308, 1978
pulmonary complications of renal transplantation: survey of patients treated by low-dose immunosuppression, Webb, W. Richard; Gamsu, Gordon; Rohlfing, Barbara M.; Thorburn, Kim; Kalifa, L. Gabriel; Amend, William J. C.; Roberts, Margaret; Salvatierra, Jr., Oscar, **126:** 1, 1978
pulmonary hemorrhage in systemic lupus erythematosus (ab), Gamsu, Gordon; Webb, W. Richard, **129:** 561, 1978
pulmonary-renal syndrome, Herman, Peter G.; Balikian, Jirayr P.; Seltzer, Steven E.; Ehrie, Michael, (AJR), **130:** 1141, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978
treatment of massive hemoptysis by combined occlusion of pulmonary and bronchial arteries (ab), Bredin, Charles P.; Richardson, Paul R.; King, Thomas K. C.; Sniderman, Kenneth W.; Sos, Thomas A.; Smith, James P., **129:** 562, 1978

Lungs, hernia
traumatic pneumatocele from a revolving restaurant (ab), Swank, Ralph L.; Wolfson, Sorrell L., **126:** 277, 1978

Lungs, infection
abnormal gallium scintigraphy in *Pneumocystis carinii* pneumonia with a normal chest radiograph, Turbiner, Elliott H.; Yeh, Samuel D. J.; Rosen, Paul P.; Bains, Manjit S.; Benua, Richard S., **127:** 437, 1978
acute respiratory illness in children with acute lymphoblastic leukemia (ab), Iacuone, John J.; Wong, K. Y.; Bove, Keven E.; Lampkin, Beatrice C., **126:** 834, 1978
gangrene of the lung: successful medical management of three patients, O'Reilly, Gerald V.; Dee, Paul M.; Otteni, Gerald V., **126:** 575, 1978
histoplasmosis (ab), Goodwin, Jr., Robert A.; Des Prez, Roger M., **129:** 562, 1978
pleural tail sign, Webb, W. Richard, **127:** 309, 1978
pulmonary complications of renal transplantation: survey of patients treated by low-dose immunosuppression, Webb, W. Richard; Gamsu, Gordon; Rohlfing, Barbara M.; Thorburn, Kim; Kalifa, L. Gabriel; Amend, William J. C.; Roberts, Margaret; Salvatierra, Jr., Oscar, **126:** 1, 1978

Lungs, injuries
radiographic manifestations of acute smoke inhalation, Putman, Charles E.; Loke, Jacob; Matthay, Richard A.; Ravin, Carl E., (AJR), **129:** 865, 1977

Lungs, lavage
diagnostic lavage and occult pulmonary hemorrhage in thrombocytopenic immunocompromised patients (ab), Drew, W. Lawrence; Finley, Theodore N.; Golde, David W., **126:** 276, 1978

Lungs, perforation
high incidence of lung perforation by chest tube in neonatal pneumothorax (ab), Moessinger, Adrien C.; Driscoll, Jr., John M.; Wigger, H. Joachim, **129:** 561, 1978
pneumothorax: complication of endotracheal tube suctioning (ab), Vaughan, Russell S.; Menke, James A.; Giacola, George P., **129:** 561, 1978

Lungs, physiology
computed tomography of the lung, Rosenblum, Lawrence J.; Mauceri, Richard A.; Wellenstein, David E.; Bassano, Daniel A.; Cohen, William N.; Heitzman, E. Robert, **129:** 521, 1978

Lungs, radiation effects
regional and total lung function in patients following pulmonary irradiation (ab), Prato, Frank S.; Kurdyak, Ruth; Saibil, Eric A.; Rider, Walter D.; Aspin, Norman, **126:** 560, 1978

Lungs, radiography
apical cap, Renner, Robert R.; Pernice, Nicholas J., (SR), **12:** 299, 1977
detection accuracy in chest radiography, Gray, Joel E.; Taylor, Kenneth W.; Hobbs, Barry B., (AJR), **131:** 247, 1978
lateral decubitus view: aid in evaluating poorly defined pulmonary densities in children, Kaufman, Allan S.; Kuhns, Lawrence R., (AJR), **129:** 885, 1977

Lungs, radionuclide studies
abnormal gallium scintigraphy in *Pneumocystis carinii* pneumonia with a normal chest radiograph, Turbiner, Elliott H.; Yeh, Samuel D. J.; Rosen, Paul P.; Bains, Manjit S.; Benua, Richard S., **127:** 437, 1978
diagnosis of pneumothorax by ventilation-perfusion imaging, Dhekne, Ramesh D.; Burdine, John A., **129:** 119, 1978
diagnostic significance of gallium lung uptake in patients with normal chest radiographs, MacMahon, Heber; Bekerman, Carlos, **127:** 189, 1978
effect of particle number on lung perfusion images: concise communication (ab), Dworkin, Howard J.; Gutkowski, Robert F.; Porter, William; Potter, Murray, **127:** 287, 1978
lung uptake of Tc-99m sulfur colloid in liver and spleen imaging (ab), Klingensmith, III, William C.; Yang, Shirley L.; Wagner, Jr., Henry N., **128:** 286, 1978
metastatic calcification: role of bone scanning, Venkatesh, Nagammal; Polcyn, Robert E.; Norback, Diane H., **129:** 755, 1978
^{81m}Kr ventilation and ^{99m}Tc perfusion scans in chest disease: comparison with standard radiographs, Fazio, Ferruccio; Lavender, J. Peter; Steiner, Robert E., (AJR), **130:** 421, 1978
portable radioxenon trap and patient ventilation system, McIlmoyle, Gaellan; Holman, B. Leonard; Davis, Michael; Chandler, Harold L., **127:** 544, 1978
prospective evaluation for pneumonectomy using the ^{99m}Technetium quantitative perfusion lung scan (ab), Boysen, Philip G.; Block, A. Jay; Olsen, Gerald N.; Moulder, Peter V.; Harris, J. O.; Rawitscher, Robert E., **126:** 845, 1978
quantative assessment of ventilation-perfusion mismatch by radioxenon imaging of the lung (ab), Ishii, Yasushi; Itah, Harumi; Suzuki, Teruyasu; Yonekura, Yoshiharu; Mukai, Takao; Torizuka, Kanji, **129:** 574, 1978
radionuclide angiographic diagnosis of bronchopulmonary sequestration. (ab), Gooneratne, Nihal; Conway, James J., **126:** 559, 1978
radionuclide study in pulmonary sequestration (ab), Kawakami, Kenji; Tada, Shimpei; Katsuyama, Naofumi; Mochizuki, Sachio, **128:** 575, 1978
regional ventilation studies with Kr-81m and Xe-133: comparative analysis (ab), Schor, Robert A.; Shames, David M.; Weber, Paul M.; Dos Remedios, L. V., **128:** 861, 1978
strontium-87m lung scans in pulmonary aspergillosis, Rohatgi, Prashant K.; Simon, David B.; Goldstein, Robert A.; Reba, Richard C., (AJR), **129:** 879, 1977
Swyer-James syndrome: diagnostic application of combined radionuclide ventilation and perfusion scanning (ab), Lee, Hee Kyung; Granada, Margarito, **126:** 845, 1978
use of gallium-67 in pulmonary disorders, Siemsen, Jan K.; Grebe, Siegfried F.; Waxman, Alan D., (SNM), **8:** 235, 1978
ventilation patterns mimicking COPD in patients with diaphragmatic pacing for Ondine's curse, Makhija, Mohanlal C.; Bronfman, Howard J.; Lange, Robert C.; Glenn, William L.; Gottshalk, Alexander, **129:** 111, 1978
ventilation-perfusion lung imaging and selective pulmonary angiography in dogs with experimental pulmonary embolism (ab), Alderson, P. O.; Doppman, John L.; Diamond, S. S.; Mendenhall, K. G.; Barron, E. L.; Girton, Mary, **128:** 286, 1978
ventilation-perfusion scans in neonatal regional pulmonary emphysema complicating ventilatory assistance, Leonidas, John C.; Moylan, Fergus M. B.; Kahn, Paul C.; Ramenofsky, Max L., (AJR), **131:** 243, 1978

Lungs, sequestration
See Lungs, abnormalities

Lungs, surgery
cardiac herniation with volvulus after pneumonectomy, Arndt, Rolf D.; Frank, C. Gordon; Schmitz, Alfred L.; Haveson, Samuel B., (AJR), **130:** 155, 1978
prospective evaluation for pneumonectomy using the ^{99m}Technetium quantitative perfusion lung scan (ab), Boysen, Philip G.; Block, A. Jay; Olsen, Gerald N.; Moulder, Peter V.; Harris, J. O.; Rawitscher, Robert E., **126:** 845, 1978
pulmonary resection in metastatic carcinoma (ab), McCormack, Patricia M.; Bains, Manjit S.; Beattie, Edward J.; Martini, Nael, **128:** 273, 1978

Lungs, therapeutic radiology
enhancement of lung colony-forming efficiency by local thoracic irradiation: interpretation of labeled cell studies, Peters, Lester J.; Mason, Kathryn; McBride, William H.; Patt, Yehuda Z., **126:** 499, 1978

Lungs, ultrasound studies
gray scale echocardiography of the lung and pleural space: current applications of oncologic interest (ab), Cunningham, Jerome J., **128:** 859, 1978
Lungs, varices
pulmonary varix in early infancy: case report with 8-year follow up, Chilton, Sarah J.; Campbell, John B., **129:** 400, 1978
Lungs, ventilation
diagnosis of pneumothorax by ventilation-perfusion imaging, Dhekne, Ramesh D.; Burdine, John A., **129:** 119, 1978
^{81m}Kr ventilation and ^{99m}Tc perfusion scans in chest disease: comparison with standard radiographs, Fazio, Ferruccio; Lavender, J. Peter; Steiner, Robert E., (AJR), **130:** 421, 1978
portable radioxenon trap and patient ventilation system, McIlmoyle, Gaellan; Holman, B. Leonard; Davis, Michael; Chandler, Harold L., **127:** 544, 1978
quantative assessment of ventilation-perfusion mismatch by radioxenon imaging of the lung (ab), Ishii, Yasushi; Itah, Harumi; Suzuki, Teruyasu; Yonekura, Yoshiharu; Mukai, Takao; Torizuka, Kanji, **129:** 574, 1978
ventilation patterns mimicking COPD in patients with diaphragmatic pacing for Ondine's curse, Makhija, Mohanlal C.; Bronfman, Howard J.; Lange, Robert C.; Glenn, William L.; Gottshalk, Alexander, **129:** 111, 1978
Lupus erythematosus
angiographic demonstration of lupus cerebral phlebitis with communicating hydrocephalus (ab), Kitching, G. B.; Thompson, J. R.; Hasso, A. N.; Hirst, A. E., **128:** 560, 1978
mediastinal lymphadenopathy and undifferentiated connective tissue disease: case report and review, Gordonson, Jay; Quinn, Michael; Kaufman, Ronald; Van Den Tweel, Jan G., (AJR), **131:** 325, 1978
pulmonary hemorrhage in systemic lupus erythematosus (ab), Gamsu, Gordon; Webb, W. Richard, **129:** 561, 1978
radiographic findings in the hands in patients with systemic lupus erythematosus, Weissman, Barbara N.; Rappoport, Arnold S.; Sosman, J. Leland; Schur, Peter H., **126:** 313, 1978
Lutembacher syndrome
See Atrial septal defect; Mitral valve, stenosis
Lymphangiography
See Lymphography
Lymphangiomatosis
lymphangiography and bone scan in the study of lymphangiomatosis (ab), Chu, J.-Y.; Graviss, E. R.; Danis, R. K.; Ho, J. E., **126:** 835, 1978
Lymphangiomyoma
lymphangioleiomyomatosis: physiologic-pathologic-radiologic correlations (ab), Carrington, Charles B.; Cugell, David W.; Gaensler, Edward A.; Marks, Asher; Redding, Ralph A.; Schaaf, John T.; Tomasian, Aram, **127:** 562, 1978
Lymphatic system
lymphatico-osseous communication and primary lymphedema, Abe, Rikiya, **129:** 375, 1978
Lymphatic system, diseases
gray scale ultrasonography in retroperitoneal lymphangiomyomatosis, Walsh, J.; Taylor, K. J. W.; Rosenfield, A. T., (AJR), **129:** 1101, 1977
Lymph nodes
See also Hodgkin disease; Lymphatic system; Lymphography; Lymphoma; Lymphosarcoma; etc.
changes in the lymphatic dynamics after retroperitoneal lymph node dissection (ab), Jonsson, Kjell; Wallace, Sidney; Jing, Bao-Shan; Johnson, Douglas E.; Dodd, Gerald D., **127:** 278, 1978
ectopic lymph node of the orbit simulating a lacrimal gland tumor (ab), Wolter, J. Reimer; Roosenberg, Robert R., **128:** 851, 1978
lymph drainage from the vulva and the foot as demonstrated by ^{198}Au (ab), Bartholdson, L.; Hultborn, A.; Hulten, L.; Roos, B.; Rosencrantz, M.; Ahren, Chr., **129:** 576, 1978
mucocutaneous lymph node syndrome: report of two cases complicated by gallbladder hydrops and diagnosed by ultrasound (ab), Magilavy, Daniel B.; Speert, David P.; Silver, Terry M.; Sullivan, Donita B., **129:** 860, 1978
posterior lymphadenopathy in sarcoidosis, Schabel, Stephen I.; Foote, George A.; McKee, Kelly A., **129:** 591, 1978
Lymph nodes, calcification
lymph node calcification in Hodgkin's disease following irradiation (ab), De Giuli, E.; De Giuli, G., **129:** 576, 1978
lymph node calcification in Hodgkin's disease after chemotherapy, Bertrand, Margaret; Chen, James T. T.; Libshitz, Herman I., (AJR), **129:** 1108, 1977
Lymph nodes, diseases
angioimmunoblastic lymphadenopathy: cause for mediastinal nodal enlargement, Khouri, Nagi F.; Eggleston, Joseph D.; Siegelman, Stanley S., (AJR), **130:** 1186, 1978
computed tomographic evaluation of the diaphragmatic crura, Callen, Peter W.; Filly, Roy A.; Korobkin, Melvyn, **126:** 413, 1978
radiographic findings of immunoblastic lymphadenopathy and related immunoblastic proliferations, Libshitz, Herman I.; Clouser, Michael; Zornoza, Jesus; Osborne, Barbara M., (AJR), **129:** 875, 1977
reevaluation of intrathoracic lymphadenopathy in sarcoidosis, Bein, M. E.; Putman, C. E.; McLoud, Theresa C.; Mink, J. H., (AJR), **131:** 409, 1978
tuberculous mediastinal lymphadenopathy in adults, Liu, Chung-I; Fields, William R.; Shaw, Chung-I, **126:** 369, 1978
Lymph nodes, hyperplasia
giant mediastinal lymph node hyperplasia (Castleman's disease): angiographic and clinical features, Walter, Joseph F.; Rottenberg, Robert W.; Cannon, Walter B.; Sheridan, Lenore A.; Pizzimenti, John; Orr, Jack T., (AJR), **130:** 447, 1978
Lymph nodes, neoplasms
accuracy of CT in detecting intraabdominal and pelvic lymph node metastases from pelvic cancers, Lee, Joseph K. T.; Stanley, Robert J.; Sagel, Stuart S.; McClennan, Bruce L., (AJR), **131:** 675, 1978
intrathoracic lymph node metastases from extrathoracic neoplasms, McLoud, Theresa C.; Kalisher, Lester; Stark, Paul; Greene, Reginald, (AJR), **131:** 403, 1978
lymphangiographic detection of scalene node metastases from cervical carcinoma, Steinfeld, Alan D.; Weinstein, Donald S., (AJR), **130:** 371, 1978
plasma cell giant lymph node hyperplasia responding to radiation therapy, Nordstrom, Donald G.; Tewfik, Hamed H.; Latourette, Howard B., (AJR), **130:** 169, 1978
scintilymphangiographic "flare" sign of lymphangitic obstruction (ab), Jackson, F. I.; Lentle, B. C., **127:** 573, 1978
Lymph nodes, radionuclide studies
relative roles of gallium-67-citrate scanning and lymphangiography in the current management of malignant lymphoma (ab), Rudders, Richard A.; McCaffrey, Joyce A.; Kahn, Paul C., **127:** 287, 1978
technetium-99m stannous phytate as an imaging agent for lymph nodes (ab), Alavi, Abass; Staum, Muni M.; Shesol, Barry F.; Bloch, Peter H., **128:** 862, 1978
Lymphocytes
pulmonary processes of mature-appearing lymphocytes: pseudolymphoma, well-differentiated lymphocytic lymphoma, and lymphocytic interstitial pneumonitis, Julsrud, Paul R.; Brown, Larry R.; Li, Chin-Yang; Rosenow, III, Edward C.; Crowe, John K., **127:** 289, 1978
Lymphography
See also Lymph nodes; Lymphatic system; Lymphoma
bipedal lymphangiography in malignancies of the uterine corpus, Kademian, Michael T.; Buchler, Dolores A.; Wirtanen, George W., (AJR), **129:** 903, 1977
experience with 659 consecutive lymphograms in children (ab), Castellino, Ronald A.; Bergiron, Charles; Markovits, Paul, **126:** 835, 1978
Lymphography, complications
extravasation of Ethiodol into deep tissues of the foot: complication of lymphangiography, Rubin, Bruce E., (AJR), **131:** 342, 1978
Lymphography, contrast media
ether-dissolved Ethiodol for lymphangiography: experimental study, Jonsson, K.; Anderson, J. H.; Osborne, B.; Wallace, S., (AJR), **129:** 1047, 1977
Lymphography, indications
diagnostic tests and Hodgkin's disease: standardized approach to their evaluation (ab), Harris, Jr., John M.; Tang, Douglas B.; Weltz, Martin D., **129:** 571, 1978
evaluation of pedal lymphangiography in staging non-seminomatous testicular carcinoma (ab), Storm, P. B.; Kern, A.; Loening, S. A.; Brown, R. C.; Culp, D. A., **127:** 278, 1978
lymphangiography and bone scan in the study of lymphangiomatosis (ab), Chu, J.-Y.; Graviss, E. R.; Danis, R. K.; Ho, J. E., **126:** 835, 1978
lymphography as a guide during laparotomy in Hodgkin's and non-Hodgkin's lymphomas (ab), Cotman, H. E.; Bloomfield, C. D.; Amplatz, Kurt; Sosin, H.; Kuisk, H.; Levitt, S. H., **129:** 576, 1978
primary chylopericardium: role of lymphangiography, Gallant, Thomas E.; Hunziker, Robert J.; Gibson, Thomas C., (AJR), **129:** 1043, 1977
relative roles of gallium-67-citrate scanning and lymphangiography in the current management of malignant lymphoma (ab), Rudders, Richard A.; McCaffrey, Joyce A.; Kahn, Paul C., **127:** 287, 1978
Lymphography, technique
accuracy of bipedal lymphography in Hodgkin's disease, Kademian, Michael Thomas; Wirtanen, George W., (AJR), **129:** 1041, 1977
Lymphoma
See also Hodgkin disease; Lymphosarcoma
accuracy of computed tomography in detecting intraabdominal and pelvic adenopathy in lymphoma, Lee, Joseph K. T.; Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G., (AJR), **131:** 311, 1978
cerebrospinal irradiation of Burkitt's lymphoma: failure in preventing central nervous system relapse (ab), Olweny, C. L. M.; Atine, I.; Kaddu-Mukasa, A.; Katongole-Mbidde, E.; Lwanga, S. K.; Johansson, B.; Onyango, J.; Host, H.; Norin, T.; Willey, B., **129:** 576, 1978
computed tomographic brain scanning in patients with lymphoma, Brant-Zawadzki, M.; Enzmann, Dieter R., **129:** 67, 1978
computed tomographic scanning in patients with lymphoma (ab), Jones, Stephen E.; Tobias, Donald A.; Waldman, Robert S., **128:** 571, 1978
computed tomography in primary malignant lymphoma of the brain (ab), Tadmor, Rina; Davis, Kenneth R.; Roberson, Glenn H.; Kleinman, George M., **129:** 271, 1978
computed tomography in the diagnosis of primary lymphoma of the central nervous system (ab), Radvany, Joao; Levine, Harvey, **129:** 272, 1978
computed tomography of the abdomen in the malignant lymphomas, Harell, George S.; Breiman, Richard S.; Glatstein, Eli J.; Marshall, Jr., William H.; Castellino, Ronald A., (RCNA), **15:** 391, 1977
computer assisted tomography in primary malignant lymphomas of the brain (ab), Kasner, Ekkehard; Wilske, Jochen; Steinhoff, Harald; Stochdorph, Otto, **129:** 271, 1978
contribution of computed tomography to the treatment of lymphomas, Pilepich, M. V.; Rene, J. B.; Munzenrider, John E.; Carter, Barbara L., (AJR), **131:** 69, 1978
diagnostic significance of gallium lung uptake in patients with normal chest radiographs, MacMahon, Heber; Bekerman, Carlos, **127:** 189, 1978
lung cancer in chronic leukemia and lymphoma, Libshitz, Herman I.; Zornoza, Jesus; McLarty, Jerry W., **127:** 297, 1978
lymphoma of the head and neck (ab), Fierstein, Jeffery F.; Thawley, Stanley E., **129:** 849, 1978
omental band: new sign of metastasis (ab), Stein, Mark A., **128:** 283, 1978
primary lymphoma of the paranasal sinuses (ab), Lehrer, Steven; Roswit, Bernard, **129:** 849, 1978
pulmonary processes of mature-appearing lymphocytes: pseudolymphoma, well-differentiated lymphocytic lymphoma, and lymphocytic interstitial pneumonitis, Julsrud, Paul R.; Brown, Larry R.; Li, Chin-Yang; Rosenow, III, Edward C.; Crowe, John K., **127:** 289, 1978
radiographic findings of immunoblastic lymphadenopathy and related immunoblastic proliferations, Libshitz, Herman I.; Clouser, Michael; Zornoza, Jesus; Osborne, Barbara M., (AJR), **129:** 875, 1977
radiological characteristics of primary intestinal lymphoma of the "Mediterranean" type: observations on twelve cases, Ramos, L.; Marcos, J.; Illanas, M.; Hernandez-Mora, M.; Perez-Paya, F.; Picouto, J. L.; Santana, P.; Chantar, C., **126:** 379, 1978
relative roles of gallium-67-citrate scanning and lymphangiography in the current management of malignant lymphoma (ab), Rudders, Richard A.; McCaffrey, Joyce A.; Kahn, Paul C., **127:** 287, 1978

scintigraphic evaluation of childhood malignancies by ^{67}Ga-citrate, Bekerman, Carlos; Port, Ronald B.; Pang, Emily; Moohr, John W.; Kranzler, Jeffry K., **127:** 719, 1978
small-bowel malabsorption and gastrointestinal malignancy, Collins, Stephen M.; Hamilton, John D.; Lewis, Terence D.; Laufer, Igor, **126:** 603, 1978
subependymal and leptomeningeal spread of systemic malignant lymphoma demonstrated by cranial computed tomography (ab), Dubois, Philip J.; Martinez, A. Julio; Myerowitz, Richard L.; Rosenbaum, Arthur E., **129:** 272, 1978
tumor visualization using ^{67}Gallium scintigraphy in children, Edeling, Carl-Johan, **127:** 727, 1978

Lymphoma, radionuclide diagnosis
gallium-67 imaging in the management of Hodgkin's disease and other malignant lymphomas, Turner, David A.; Fordham, Ernest W.; Ali, Amjad; Slayton, Robert E., (SNM), **8:** 205, 1978
ventricular uptake during brain scanning: case report of ventricular lymphomatosis, Conrad, III, William C.; Tetalman, Marc R.; Lloyd, Thomas V.; King, Gerald; Scheu, John D.; Burton, Mark; Schaeffer, Phillip, **128:** 428, 1978

Lymphoma, staging
CT-pathologic correlations in Hodgkin's disease and non-Hodgkin's lymphoma, Breiman, Richard S.; Castellino, Ronald A.; Harell, George S.; Marshall, William H.; Glatstein, Eli; Kaplan, Henry S., **126:** 159, 1978

Lymphoma, therapeutic radiology
central lymphatic irradiation to low dose for advanced nodular lymphoreticular tumors (non-Hodgkin's lymphoma), Cox, James D., **126:** 767, 1978
radiation therapy in Burkitt's lymphoma: long term results (ab), Norin, Torsten, **129:** 576, 1978
total-body irradiation with 25-MV photons in advanced non-Hodgkin's lymphoma and chronic lymphocytic leukemia: preliminary results and complications, Cakmak, Ahmet; Shidnia, Homayoon; Hornback, Ned B.; Einhorn, Lawrence, **128:** 503, 1978

Lymphoma, therapy
total-body irradiation with 25-MV photons in advanced non-Hodgkin's lymphoma and chronic lymphocytic leukemia: preliminary results and complications, Cakmak, Ahmet; Shidnia, Homayoon; Hornback, Ned B.; Einhorn, Lawrence, **128:** 503, 1978

Lymphoreticulosarcoma
central lymphatic irradiation to low dose for advanced nodular lymphoreticular tumors (non-Hodgkin's lymphoma), Cox, James D., **126:** 767, 1978

Lymphosarcoma
central lymphatic irradiation to low dose for advanced nodular lymphoreticular tumors (non-Hodgkin's lymphoma), Cox, James D., **126:** 767, 1978

M

MAA
See Blood, proteins

Mach bands
Mach bands in cine coronary arteriography, Randall, Patricia Ann, **129:** 65, 1978

Macmillan, Jr., Alexander S.
(obit), **128:** 844, 1978

Magnification
See also Angiography; Radiography
application of radiographic magnification technique with an ultra-high-speed rare-earth screen/film system to oral cholecystography, Imhof, Herwig; Doi, Kunio, **129:** 173, 1978
spinal cord angiography using 4× magnification, Shiozawa, Zenji; Tanaka, Yoshiaki; Makino, Nobuichi; Sugita, Ken-ichiro, **127:** 181, 1978
"vascular" benign liver cyst in children: report of two cases, Rosch, Josef; Mayer, Barry S.; Campbell, John R.; Campbell, Timothy J., **126:** 747, 1978

Majewski-Lenz hyperostotic dwarfism
See Bones, osteochondrodysplasias

Malabsorption syndrome
See Intestines, diseases; Celiac disease

Malformations, arteriovenous
lower limb angiography in leprosy, Johnson, A. Chandrahasan; Reddy, Rajaram; Johnson, Satyabama; James, Jr., A. Everette, **126:** 327, 1978

Malformations, arteriovenous, cerebral
agenesis of the left internal carotid artery associated with an aneurysm on the right carotid syphon: case report (ab), Servo, Antti, **126:** 831, 1978
bone erosions associated with intracranial arteriovenous malformation (ab), Azar-Kia, Behrooz; Palacios, Enrique; Danley, Robert, **126:** 547, 1978
detachable balloon catheter: its application in experimental arteriovenous fistulae (ab), DiTullio, Jr., Michael V.; Rand, Robert W.; Frisch, Eldon, **129:** 846, 1978
intracerebral venous angioma: case report and review (ab), Sarwar, Mohammad; McCormick, William F., **128:** 560, 1978
scintigraphic detection of congenital intracranial vascular malformations (ab), Gates, Gary F.; Fishman, Lawrence S.; Segall, Hervey D., **128:** 574, 1978
value of computerized axial tomography (CAT) in cranio-cerebral malformations (ab), Kendall, B. E.; Kingsley, D., **129:** 271, 1978

Malformations, arteriovenous, cranial
value of computerized axial tomography (CAT) in cranio-cerebral malformations (ab), Kendall, B. E.; Kingsley, D., **129:** 271, 1978

Malformations, arteriovenous, diaphragmatic
arteriovenous malformation of the right leaf of the diaphragm communicating with vascular malformation of the right lung, Rashad, Fouad A.; Bellon, Errol M., (AJR), **131:** 507, 1978

Malformations, arteriovenous, dural
See Malformations, arteriovenous, meningeal

Malformations, arteriovenous, experimental
transcatheter intravascular coil occlusion of experimental arteriovenous fistulas, Anderson, James H.; Wallace, Sidney; Gianturco, Cesare, (AJR), **129:** 795, 1977

Malformations, arteriovenous, extremities
Klippel–Trenaunay syndrome: clinical and radiological aspects, Phillips, Gail N.; Gordon, David H.; Martin, Eric C.; Haller, Jack O.; Casarella, William, **128:** 429, 1978

Malformations, arteriovenous, gastrointestinal
arteriovenous malformation of the stomach: radiologic and endoscopic features (ab), Lewis, Terence D.; Laufer, Igor; Goodacre, Robert L., **129:** 854, 1978

Malformations, arteriovenous, hepatic
arteriovenous shunts involving the liver, Adler, Jonathan; Goodgold, Maurice; Mitty, Harold; Gordon, David; Kinkhabwala, Mahesh, **129:** 315, 1978

Malformations, arteriovenous, intestinal
intraoperative localization of intestinal arteriovenous malformation (ab), Evans, William E.; O'Dorisio, Thomas M.; Molnar, William; Martin, Jr., Edward W.; Wooley, Charles F.; Cooperman, Marc, **128:** 567, 1978
methylene blue injection: intraoperative guide in small bowel resection for arteriovenous malformation (ab), Fogler, Richard; Golembe, Edward, **127:** 852, 1978

Malformations, arteriovenous, meningeal
arterio-venous malformations of the dura (ab), Winter, H.; Schreyer, H., **127:** 843, 1978

Malformations, arteriovenous, pancreatic
angiography of pancreatic arteriovenous malformation, Chuang, Vincent P.; Pulmano, Calixto M.; Walter, Joseph F.; Cho, Kyung J., (AJR), **129:** 1015, 1977

Malformations, arteriovenous, pulmonary
echocardiography and perfusion scintigraphy in the diagnosis of pulmonary arteriovenous fistula (ab), Lewis, Alan B.; Gates, Gary F.; Stanley, Philip, **128:** 859, 1978
pulmonary arteriovenous fistula as a complication of trauma, Ekstrom, Deborah; Weiner, Michael; Baier, Bernard, (AJR), **130:** 1178, 1978
pulmonary varix in early infancy: case report with 8-year follow up, Chilton, Sarah J.; Campbell, John B., **129:** 400, 1978

Malformations, arteriovenous, renal
non-neoplastic congenital and acquired renal arteriovenous malformations and fistulas, Cho, Kyung J.; Stanley, James C., **129:** 333, 1978

Malformations, arteriovenous, spinal
case of spinal arteriovenous malformation: value of selective spinal angiography in its management (ab), Ng, K. K.; Vignaendra, Velupillay, **126:** 555, 1978
intraarterial cyanoacrylate: adjunct in the treatment of spinal/paraspinal arteriovenous malformations, Kerber, C. W.; Cromwell, L. D.; Sheptak, P. E., (AJR), **130:** 99, 1978
intradural extramedullary spinal arterio-venous malformations fed by the anterior spinal artery (ab), Djindjian, M.; Djindjian, R.; Rey, A.; Hurth, M.; Houdart, R., **126:** 837, 1978
spinal cord arteriovenous malformations and the Klippel-Trenaunay-Weber syndrome (ab), Djindjian, M.; Djindjian, R.; Hurth, M.; Rey, A.; Houdart, R., **127:** 282, 1978
spinal epidural angiomatous malformations draining into intrathecal veins (ab), Kendall, B. E.; Logue, V., **127:** 854, 1978

Malformations, arteriovenous, vertebral
control of a traumatic vertebral arteriovenous fistula by a modified Gianturco coil embolus system, Rossi, Plinio; Passariello, Roberto; Simonetti, Giovanni, (AJR), **131:** 331, 1978

Mallory-Weiss syndrome
See Esophagus, cardioesophageal junction

Mallory-Weiss tears
See Gastrointestinal tract, hemorrhage

Malpractice
See Medicolegal problems

Mammography
See also Breast neoplasms
breast cancer mammography patterns (ab), Egan, Robert L.; Mosteller, Robert C., **127:** 277, 1978
breast pattern classification and observer error, Wolfe, John N.; Wilkie, Ross C., **127:** 343, 1978
improved needle for localization of nonpalpable breast lesions, Kalisher, Lester, **128:** 815, 1978
intensity of scattered radiation in mammography, Darnes, Gary T.; Brezovich, Ivan A., **126:** 243, 1978
isolated clustered microcalcifications in the breast: radiologic-pathologic correlation, Murphy, William A.; DeSchryver-Kecskemeti, Katherine, **127:** 335, 1978
mammographic parenchymal pattern and the risk of breast cancer (ab), Wilkinson, E.; Clopton, C.; Gordonson, J.; Green, R.; Hill, A.; Pike M. C., **126:** 549, 1978
mammographic parenchymal patterns as a risk indicator for prevalent and incident cancer (ab), Krook, Peter M.; Carlile, Thomas; Bush, William; Hall, McClure H., **128:** 564, 1978
mammographic patterns and risk of breast cancer, Hainline, Sarah; Myers, Lawrence; McLelland, Robert; Newell, Josephine; Grufferman, Seymour; Shingleton, William, (AJR), **130:** 1157, 1978
mammographic spectrum of traumatic fat necrosis: fallibility of "pathognomonic" signs of carcinoma, Bassett, Lawrence W.; Gold, Richard H.; Cove, Harvey C., (AJR), **130:** 119, 1978
mammography: technique. diagnosis. differential diagnosis (bk rev), Hoeffken, Walther; Lanyi, Marton, Reviewed by Wolfe, John N., **126:** 372, 1978
patterns of breast parenchyma on mammography (ab), Rideout, D. F.; Poon, P. Y., **128:** 564, 1978
spontaneous visibility of the mammary ducts in plain mammography (ab), Hoeffken, W., **126:** 834, 1978
tubular carcinoma of the breast: mammographic appearance and pathological correlation, Feig, Stephen A.; Shaber, Gary S.; Patchefsky, Arthur S.; Schwartz, Gordon F.; Edeiken, Jack; Nerlinger, Rudolph, **129:** 311, 1978

Mammography, dosimetry
comparison of mammographic x-ray spectra, Fewell, Thomas R.; Shuping, Ralph E., **128:** 211, 1978
experimental "trans-molybdenum" tube for mammography, Johnson, G. Allan; O'Foghludha, F., **127:** 511, 1978

Mammography, indications
benefit/risk analysis of aggressive mammographic screening, Fox, Stanley H.; Moskowitz, Myron; Saenger, Eugene L.; Kereiakes, James G.; Milbrath, John; Goodman, Mark W., **128:** 359, 1978
conventional mammography, physical examination, thermography and xeroradiography in the detection of breast cancer (ab), Egan, Robert L.; Goldstein, Gordon T.; McSweeney, Marjorie M., **126:** 275, 1978
mammographic screening: value in diagnosis of early breast cancer (ab), Sayler, Clinton; Egan, James F.; Raines, J. Richard; Goodman, Morton J., **127:** 560, 1978
relative accuracy of clinical examination of mammography in a breast clinic in Alberta (ab), Burns, Patricia E.; May, C.; Gutter, Z.; Ferri, H. A.; Grace, M., **129:** 560, 1978

summary report of NCI ad hoc working groups on mammography in screening for breast cancer (ab), Breslow, Lester; Thomas, Louis B.; Upton, Arthur C., **126:** 274, 1978

Mammography, instrumentation
comparison of mammographic x-ray spectra, Fewell, Thomas R.; Shuping, Ralph E., **128:** 211, 1978
evaluation of mammographic screen–film systems, Arnold, Ben A.; Webster, Edward W.; Kalisher, Lester, **129:** 179, 1978
experimental "trans-molybdenum" tube for mammography, Johnson, G. Allan; O'Foghludha, F., **127:** 511, 1978
method of evaluating and minimizing geometric unsharpness for mammographic x-ray units, Haus, Arthur G.; Cowart, Ronald W.; Dodd, Gerald D.; Bencomo, Jose, **128:** 775, 1978

Mammography, radiation dose
mailed thermoluminescent dosimeter determination of entrance skin exposure and half-value layer in mammography, Wochos, John F.; Fullerton, Gary D.; DeWerd, Larry A., (AJR), **131:** 617, 1978
optimization of electrostatic imaging systems for minimum patient dose or minimum exposure in mammography, Muntz, E. Phillip; Welkowsky, Murray; Kaegi, Emil; Morsell, Lee; Wilkinson, Evelyn; Jacobson, George, **127:** 517, 1978
optimization of xeroradiographic exposures, Jaeger, Stanley S.; Cacak, Robert K.; Barnes, J. Edward; Hendee, William R., **128:** 217, 1978
survey of radiation doses to patients in mammography (ab), Watson, P., **128:** 852, 1978

Mammography, radiation hazard
on "conservative" estimates of radiation hazards (opin), Swartz, Harold M., **126:** 267, 1978

Mammography, technique
mammographic screening for breast cancer by lateral view only: is it practical? (ab), Moskowitz, Myron; Libshitz, Herman I., **128:** 564, 1978
number of projections in mammography: influence on detection of breast disease, Andersson, Ingvar; Hildell, Jan; Muhlow, Anders; Pettersson, Holger, (AJR), **130:** 349, 1978
optimization of electrostatic imaging systems for minimum patient dose or minimum exposure in mammography, Muntz, E. Phillip; Welkowsky, Murray; Kaegi, Emil; Morsell, Lee; Wilkinson, Evelyn; Jacobson, George, **127:** 517, 1978
selective use of the oblique projection in mammography, Hall, Ferris M.; Berenberg, Arnold L., (AJR), **131:** 465, 1978
xeromammographic automatic exposure termination, Zeman, Gary H.; Osterman, Jr., Floyd A.; Rao, Gopala; Kirk, Barbara G.; James, Jr., A. Everette, **126:** 117, 1978

Mandible
See Jaws

Marfan syndrome
echocardiographic recognition of silent aortic root dilatation in Marfan's syndrome (ab), Come, Patricia C.; Bulkley, Bernadine H.; McKusick, Victor A.; Fortuin, Nicholas J., **127:** 571, 1978

Marijuana
See Drugs, abuse

Mastoid
cholesteatoma surgery: residual and recurrent disease (ab), Sheehy, James L.; Brackmann, Derald E.; Graham, Malcolm D., **127:** 847, 1978

Mastoid, cysts
analysis of mastoid cholesteatomas (ab), Karma, P.; Pavala, A.; Karja, J., **128:** 563, 1978

Mastoid, infection
problem mastoid cavity: medical and surgical management (ab), Kinney, Sam E., **128:** 562, 1978

Mastoid, neoplasms
primary carcinoma of the mastoid bone (ab), Clairmont, Albert A.; Conley, John J., **127:** 847, 1978

Maxilla
See Jaws

Maxillary sinus, neoplasms
calcifying odontogenic cyst (Gorlin's cyst) of the maxillary sinus (ab), Sudderth, Michael E., **126:** 274, 1978
critical look at the classification of maxillary sinus carcinomata (ab), Harrison, D. F. N., **129:** 846, 1978
extramedullary plasmacytoma, Schabel, Stephen I.; Rogers, Charles I.; Rittenberg, Gerald M.; Bubanj, Radovan, **128:** 625, 1978
malignant fibrous histiocytoma of the maxillary sinus (ab), Crissman, J. D.; Henson, S. L., **129:** 847, 1978
"maxillary sinusitis" and cancer: role of polytomography, Kagan, A. Robert; Steckel, Richard J., (AJR), **131:** 321, 1978

McCune-Albright syndrome
See Bones, osteochondrodysplasias

Meckel diverticulum
See Intestines, diverticula

Meconium
calcified intraluminal meconium in a female infant with imperforate anus, Selke, Jr., Albert C.; Cowley, Claire Ellen, (AJR), **130:** 786, 1978
intraluminal calcifications in the small bowel of newborn infants with total colonic aganglionosis, Fletcher, Barry D.; Yulish, Barry S., **126:** 451, 1978
late-onset intestinal obstruction in cystic fibrosis-meconium ileus equivalent (ab), Edge, W. E. B.; Nuss, D.; Loening, W. E. K., **126:** 552, 1978
Tween 80/diatrizoate enemas in bowel obstruction, Wood, Beverly P.; Katzberg, Richard W., (AJR), **130:** 747, 1978

Mediastinum
hilar and mediastinal adenopathy caused by bacterial abscess of the lung, Rohlfing, Barbara M.; White, Eric A.; Webb, W. Richard; Goodman, Philip C., **128:** 289, 1978
posterior lymphadenopathy in sarcoidosis, Schabel, Stephen I.; Foote, George A.; McKee, Kelly A., **129:** 591, 1978
tuberculous mediastinal lymphadenitis in the adult, Amorosa, Judith Korek; Smith, Peter R.; Cohen, Jeffrey R.; Ramsey, Craig; Lyons, Harold A., **126:** 365, 1978
tuberculous mediastinal lymphadenopathy in adults, Liu, Chung-I; Fields, William R.; Shaw, Chung-I, **126:** 369, 1978

Mediastinum, abscess
empyema as a complication of retropharyngeal and neck abscesses in children, Ramilo, Jose; Harris, Vivian J.; White, Harvey, **126:** 743, 1978

Mediastinum, anatomy
computed tomography of the thorax, Jost, R. Gilbert; Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G., **126:** 125, 1978
mediastinum: radiologic correlations with anatomy and pathology (bk rev), Heitzman, E. Robert, Reviewed by Greene, Reginald, **128:** 294, 1978

Mediastinum, biopsy
aspiration biopsies of chest lesions, Lalli, Anthony F.; McCormack, Lawrence J.; Zelch, Margaret; Reich, Norbert E.; Belovich, Doris, **127:** 35, 1978
fine needle aspiration biopsy in the diagnosis of mediastinal lesions, Rosenberger, Alexander; Adler, Olga, (AJR), **131:** 239, 1978

Mediastinum, computed tomography
See Computed tomography, mediastinum

Mediastinum, cysts
displacement of the heart by a giant mediastinal cyst (ab), Koch, Paul C.; Kronzon, Itzhak; Winer, Howard E.; Adams, Peter; Trubek, Max, **126:** 841, 1978
mediastinal bronchogenic cyst with esophageal communication, Mindelzun, Robert; Long, Peter, **126:** 28, 1978
ultrasonography of a mediastinal pseudocyst, Asokan, Sangarappillai; Alagratnam, Dharmakaran; Eftaha, Mohammed; Radhakrishnan, Jayant; Lim, Leonard T.; Teresi, Meguel, (AJR), **129:** 923, 1977

Mediastinum, diseases
mediastinum: radiologic correlations with anatomy and pathology (bk rev), Heitzman, E. Robert, Reviewed by Greene, Reginald, **128:** 294, 1978

Mediastinum, neoplasms
angioimmunoblastic lymphadenopathy: cause for mediastinal nodal enlargement, Khouri, Nagi F.; Eggleston, Joseph D.; Siegelman, Stanley S., (AJR), **130:** 1186, 1978
application of ^{67}Ga scanning in determining the operability of bronchogenic carcinoma, Lesk, David M.; Wood, Thomas E.; Carroll, S. Edwin; Reese, Lionel, **128:** 707, 1978
aspiration biopsies of chest lesions, Lalli, Anthony F.; McCormack, Lawrence J.; Zelch, Margaret; Reich, Norbert E.; Belovich, Doris, **127:** 35, 1978
benign blood vascular tumors of the mediastinum: report of four cases and review of the literature, Davis, James M.; Mark, Gene J.; Greene, Reginald, **126:** 581, 1978
computed tomography of the mediastinum, Crowe, John K.; Brown, Larry R.; Muhm, John R., **128:** 75, 1978
computed tomography of the thorax, Jost, R. Gilbert; Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G., **126:** 125, 1978
ectopic ACTH production and mediastinal lipomatosis, Drasin, George F.; Lynch, Theodore; Temes, Gerald P., **127:** 610, 1978
fine needle aspiration biopsy in the diagnosis of mediastinal lesions, Rosenberger, Alexander; Adler, Olga, (AJR), **131:** 239, 1978
lymphangiography and bone scan in the study of lymphangiomatosis (ab), Chu, J.-Y.; Graviss, E. R.; Danis, R. K.; Ho, J. E., **126:** 835, 1978
mediastinal lipomatosis: CT confirmation of a normal variant, Homer, Marc J.; Wechsler, Richard J.; Carter, Barbara L., **128:** 657, 1978
mediastinal lymphadenopathy and undifferentiated connective tissue disease: case report and review, Gordonson, Jay; Quinn, Michael; Kaufman, Ronald; Van Den Tweel, Jan G., (AJR), **131:** 325, 1978
mediastinal masses in infants and children (ab), Bower, Richard J.; Kiesewetter, William B., **126:** 839, 1978
residual mediastinal mass following radiation therapy for Hodgkin disease (ab), Katz, M.; Piekarski, J. D.; Bayle-Weisgerber, Ch.; Laval-Jeantet, M.; Teillet, F., **128:** 273, 1978

Mediastinum, radiography
reliability of gallium scan chest radiography compared to mediastinoscopy for evaluating mediastinal spread of lung cancer (ab), Alazraki, Naomi P.; Ramsdell, Joe W.; Taylor, Andrew; Friedman, Paul J.; Peters, Richard M.; Tisi, Gennaro M., **128:** 285, 1978

Mediastinum, radionuclide studies
reliability of gallium scan chest radiography compared to mediastinoscopy for evaluating mediastinal spread of lung cancer (ab), Alazraki, Naomi P.; Ramsdell, Joe W.; Taylor, Andrew; Friedman, Paul J.; Peters, Richard M.; Tisi, Gennaro M., **128:** 285, 1978

Mediastinum, ultrasound studies
ultrasonography of a mediastinal pseudocyst, Asokan, Sangarappillai; Alagratnam, Dharmakaran; Eftaha, Mohammed; Radhakrishnan, Jayant; Lim, Leonard T.; Teresi, Meguel, (AJR), **129:** 923, 1977

Medicolegal problems
gossypiboma—the problem of the retained surgical sponge, Williams, R. Gayle; Bragg, David G.; Nelson, James A., **129:** 323, 1978
law of agency as applied to radiology (opin), James, Jr., A. Everette; Sherrard, III, Thomas J., **128:** 257, 1978
medical malpractice insurance. part I: consideration of some of the factors (opin), James, Jr., A. Everette, **128:** 837, 1978
medical malpractice insurance: part II: some proposed solutions (opin), James, Jr., A. Everette, **129:** 245, 1978
medical malpractice law, 2nd ed (bk rev), Holder, Angela Roddey, Reviewed by Collins, Vincent P., **129:** 248, 1978
radiologist, the orthopedist, the lawyer, and the fracture, Renner, Robert R.; Mauler, George G.; Ambrose, J. Lee, (SR), **13:** 7, 1978

Mediterranean fever
HLA-B27-negative sacroiliitis: manifestation of familial Mediterranean fever in childhood (ab), Lehman, Thomas J. A.; Hanson, Virgil; Kornreich, Helen; Peters, Robert S.; Schwabe, Arthur D., **128:** 568, 1978

Mediterranean lymphoma
See Lymphoma

Medulla oblongata
computed tomography in a transient brain stem disorder, Gilner, Leon I.; Quencer, Robert M.; Daroff, Robert B., (AJR), **130:** 357, 1978

Medulla oblongata, abscess
chronic abscess of the brain stem (ab), Russell, J. A.; Shaw, M. D. M., **127:** 845, 1978

Medulla oblongata, injuries
diffuse brain damage of immediate impact type: its relationship to 'primary brain-stem damage' in head injury (ab), Adams, J. Hume; Mitchell, Dorothy E.; Graham, D. I.; Doyle, David, **127:** 845, 1978

Medulloblastoma
See also Cerebellum, neoplasms; Brain neoplasms
computed tomography in the follow-up of medulloblastomas and ependymomas, Enzmann, Dieter R.; Norman, David; Levin, Victor; Wilson, Charles; Newton, Thomas H., **128:** 57, 1978

Megacolon
See Colon, dilatation

Megalencephaly
See Brain
Melanoma
detection of metastatic malignant melanoma by chest roentgenography (ab), Simeone, Joseph F.; Putnam, Charles E.; Greenspan, Richard H., **126:** 276, 1978
malignant melanoma metastatic to the central nervous system, Enzmann, Dieter R.; Kramer, Richard; Norman, David; Pollock, James, **127:** 177, 1978
malignant melanoma of the choroid associated with spontaneous expulsive choroidal hemorrhage (ab), Perry, Henry D.; Hsieh, Robert C.; Evans, Richard M., **128:** 851, 1978
Melnick-Needles syndrome
See Bones, osteochondrodysplasias
Melorheostosis
See Bones, sclerosis
Meninges
See also Arachnoid; Meningitis; Meningocele
sign of subarachnoid bleeding on cranial computed tomograms of pediatric head trauma patients, Dolinskas, Carol A.; Zimmerman, Robert A.; Bilaniuk, Larissa T., **126:** 409, 1978
Meninges, cysts
delayed evolution of posttraumatic subdural hygroma (ab), French, Barry N.; Cobb, III, Cully A.; Corkill, Guy; Youmans, Julian R., **128:** 850, 1978
multiple meningeal diverticula and cysts associated with duplications of the sheaths of spinal nerve posterior roots (ab), Nathan, Hilel; Rosner, Samuel, **127:** 855, 1978
subdural hygroma in infants with congenital toxoplasmosis (ab), Ulbrych-Jablonska, Anna; Kalenik, Janina; Herman, Teresa; Rachwal-Kleinrok, Eva, **126:** 273, 1978
Meninges, epidural space
metrizamide epidurography in dogs, Kido, Daniel K.; Schoene, William; Baker, Richard A.; Rumbaugh, Calvin L., **128:** 119, 1978
peridurography with metrizamide: animal and human studies, Bromage, Philip R.; Bramwell, R. Stuart B.; Catchlove, Richard F. H.; Belanger, Gary; Pearce, Colin G. A., **128:** 123, 1978
Meninges, hematoma
See Meninges, hemorrhage
Meninges, hemorrhage
arachnoid cyst and associated subdural hematoma: observations on conventional roentgenographic and computerized tomographic diagnosis (ab), LaCour, Fritz; Trevor, Richard; Carey, Michael, **128:** 267, 1978
computed tomography in isodense subdural hematoma, Kim, Kwang S.; Hemmati, Masoud; Weinberg, Peter E., **128:** 71, 1978
computed tomography in the evaluation of subdural hematomas, Forbes, Glenn S.; Sheedy, II, Patrick F.; Piepgras, David G.; Houser, O. Wayne, **126:** 143, 1978
computer tomographic and scintigraphic aspects of subdural hematomas (ab), Huber, G., **129:** 271, 1978
diagnosis of subdural haematoma by computed axial tomography: use of xenon inhalation for contrast enhancement (ab), Zilkha, E.; Kendall, B. E.; Loh, L.; Hayward, R.; Radue, E. W.; Ingram, G. S., **129:** 557, 1978
evaluation of the age of subdural hematomas by computerized tomography (ab), Scotti, Giuseppe; Terbrugge, Karel; Melancon, Denis; Belanger, Gary, **128:** 271, 1978
intrauterine chronic subdural hematoma (ab), MacDonald, John T.; Weitz, Raphael; Sher, Phyllis K., **128:** 269, 1978
Meninges, infection
See Meningitis
Meninges, neoplasms
angiographic diagnosis of fourth ventricle tumors, Numaguchi, Yuji; Kishikawa, Takashi; Fukui, Masashi; Komaki, Senichiro; Russell, Walter J.; Ikeda, Jun; Okudera, Toshio; Matsuura, Keiichi; Kitamura, Katsutoshi, **128:** 393, 1978
meningiomas of the temporal bone (ab), Guzowski, Jacobo; Paparella, Michael M.; Rao, Kommareddi Nageswara; Hoshino, Tomoyuki, **126:** 273, 1978
Meninges, radionuclide studies
computer tomographic and scintigraphic aspects of subdural hematomas (ab), Huber, G., **129:** 271, 1978
Meningioma
See Meninges, neoplasms
Meningitis
computed tomography in leptomeningeal infections, Cockrill, Jr., H. Howard; Dreisbach, Jim; Lowe, Betty; Yamauchi, Terry, (AJR), **130:** 511, 1978
computerized tomography and surgical treatment in intracranial suppuration: report of 30 consecutive unselected cases of brain abscess and subdural empyema (ab), Joubert, Mauritius J.; Stephanov, Stephan, **127:** 843, 1978
non-pneumococcal Gram-positive coccal meningitis related to neurosurgery (ab), Weinstein, Melvin P.; LaForce, F. Marc; Mangi, Richard J.; Quintiliani, Richard, **128:** 277, 1978
pituitary abscess (ab), Rudwan, M. A., **126:** 272, 1978
recurrent meningitis due to an intracranial epidermoid (ab), Schwartz, James F.; Balentine, J. Douglas, **129:** 558, 1978
recurrent meningitis secondary to idiopathic oval window CSF leak (ab), Parisier, Simon C.; Birken, Eric A., **126:** 281, 1978
sequential computerized axial tomography in tuberculous meningitis (ab), Stevens, Dennis L.; Everett, E. Dale, **129:** 848, 1978
Meningomyelocele
See Spina bifida
Menisci
See Semilunar cartilages
Menkes syndrome
See Familial conditions
Mental deficiency
cerebral blood flow, oxygen utilization, and blood volume in dementia (ab), Grubb, Jr., Robert L.; Raichle, Marcus E.; Gado, Mokhtar H.; Eichling, John O.; Hughes, Charles P., **128:** 270, 1978
cerebrospinal fluid turnover and convexity block in mental impairment: controlled prospective study (ab), Lying-Tunell, Ulla, **126:** 833, 1978
MEN type IIa syndrome
See Endocrine glands
Mesentery
isolated mesenteric desmoids (mesenteric fibromatosis) (ab), Sacks, Barry; Joffe, Norman; Harris, Nancy, **129:** 572, 1978
Mesentery, blood flow
functional abnormalities of mesenteric blood flow: guide to organic disease of the bowel (ab), Scott, Jr., William W.; Harrington, Donald P.; Siegelman, Stanley S., **126:** 278, 1978
Mesentery, inflammation
retractile mesenteritis: initial presentation as colonic obstruction, Williams, R. Gayle; Nelson, James A., **126:** 35, 1978
Mesentery, injuries
traumatic mesenteric avulsion: case report of presumed battered child (ab), Fournemont, E., **126:** 552, 1978
Mesentery, neoplasms
gray scale sonographic appearance of intra-abdominal mesenchymal sarcomas, Bree, Robert L.; Green, Barry, **128:** 193, 1978
sonographic evaluation of mesenteric and omental masses in children, Haller, Jack O.; Schneider, Morton; Kassner, E. George; Slovis, Thomas L.; Perl, Louis J., (AJR), **130:** 269, 1978
Mesons
accelerators for pion clinical facilities (ab), Knapp, E. A., **129:** 287, 1978
dosimetry of beams for negative pi-meson radiation therapy (ab), Dicello, J. F.; Fessenden, P.; Henkelman, R. M., **129:** 287, 1978
effects of negative Pi mesons on immune responses in mice, Carlson, Donald E., **126:** 803, 1978
three dose components of a negative pion beam and their role in pion radiotherapy, Richman, Chaim; Rodriguez, Jr., Joe F.; Malcom, Jack E.; Stein, Myron L., **128:** 757, 1978
Mesothelioma
mesotheliomas and secondary tumors of the pleura, Ellis, Kent; Wolff, Marianne, (SR), **12:** 303, 1977
Metaphyses
See also Bones
fibrous cortical defect (ab), Schmidt, M.; Thiel, H. J.; Spitz, J., **129:** 567, 1978
hematogenous osteomyelitis of metaphyseal-equivalent locations, Nixon, George W., (AJR), **130:** 123, 1978
metaphyseal lesions of Menkes' syndrome—case report (ab), Capesius, P.; Van Damme, W.; Touitou, D.; Reolon, M., **128:** 568, 1978
Metatarsus
stress fractures of the first metatarsal, Levy, Jonathan M., (AJR), **130:** 679, 1978
Methylene blue
methylene blue injection: intraoperative guide in small bowel resection for arteriovenous malformation (ab), Fogler, Richard; Golembe, Edward, **127:** 852, 1978
Metoclopramide
See Gastrointestinal tract
Metrizamide
See also Contrast media
effect of dehydration on the side effects of metrizamide myelography, Eldevik, O. Petter; Nakken, Karl Otto; Haughton, Victor M., **129:** 715, 1978
encephalography with metrizamide (ab), Corrales, M.; Tapia, J., **127:** 845, 1978
metrizamide epidurography in dogs, Kido, Daniel K.; Schoene, William; Baker, Richard A.; Rumbaugh, Calvin L., **128:** 119, 1978
metrizamide in angiography: I. femoral angiography (ab), Almen, T.; Boijsen, E.; Lindell, S. E., **127:** 278, 1978
metrizamide myelography for cervical spinal cord injuries, Leo, Jin S.; Bergeron, R. Thomas; Kricheff, Irvin I.; Benjamin, M. Vallo, **129:** 707, 1978
metrizamide ventriculography and computed tomography in lesions about the third ventricle, Strand, Roy D.; Baker, Richard A.; Ordia, Idahosa J.; Arkins, Thomas J., **128:** 405, 1978
peridurography with metrizamide: animal and human studies, Bromage, Philip R.; Bramwell, R. Stuart B.; Catchlove, Richard F. H.; Belanger, Gary; Pearce, Colin G. A., **128:** 123, 1978
ventriculography with non-ionic water-soluble contrast medium, Amipaque (metrizamide): comparative experimental and clinical studies (ab), Suzuki, Shigeharu; Ito, Kenjiro; Iwabuchi, Takashi, **127:** 855, 1978
Microadenoma
See Adenoma
Micturition
See Urography, technique
Mikity-Wilson syndrome
See Lungs, diseases; Respiratory distress syndrome
Milk of calcium
See Kidneys, calculi
Mitral valve
left ventricular outflow tract obstruction due to systolic anterior motion of the anterior mitral leaflet in patients with concentric left ventricular hypertrophy (ab), Maron, Barry J.; Gottdiener, John S.; Roberts, William C.; Henry, Walter L.; Savage, Daniel D.; Epstein, Stephen E., **128:** 274, 1978
Mitral valve, calcification
clinical manifestations of mitral annulus calcification, with emphasis on its echocardiographic features (ab), D'Cruz, Ivan A.; Cohen, Howard C.; Prabhu, Ravindra; Bisla, Virendra; Glick, Gerald, **127:** 572, 1978
echocardiographic features of mitral annulus calcification (ab), Dashkoff, Neil; Karacuschansky, Miguel; Come, Patricia C.; Fortuin, Nicholas J., **127:** 572, 1978
Mitral valve, diseases
echocardiographic diagnosis of bacterial endocarditis of the mitral valve in a neonate (ab), Bender, Robert L.; Jaffe, Richard B.; McCarthy, Dennis; Ruttenberg, Herbert D., **127:** 572, 1978
value and limitations of echocardiography in recording mitral valve vegetations (ab), Boucher, Charles A.; Fallon, John T.; Myers, Gordon S.; Hutter, Jr., Adolph M.; Buckley, Mortimer J., **127:** 572, 1978
Mitral valve, insufficiency
cineangiographic study of mitral insufficiency in asymmetric hypertrophic cardiomyopathies (ab), Geschwind, H.; Nitenberg, A.; Carlet, J., **126:** 277, 1978
Mitral valve, prolapse
insensitivity of echocardiography in detecting mitral valve prolapse in older patients with chest pain (ab), Ruwitch, Joseph F.; Weiss, Alan N.; Fleg, Jerome L.; McKnight, Robert C.; Ludbrook, Philip A., **127:** 285, 1978
limitations of the echocardiogram in diagnosing valvular vegetations in patients with mitral valve prolapse (ab), Chandraratna, P. A. N.; Langevin, E., **126:** 841, 1978
mitral valve prolapse in rheumatic mitral stenosis (ab), Weinrauch, Larry A.; McDonald, Daniel G.; DeSilva, Regis A.; Hawkins, Earl T.; Leland, Jr., O. Stevens; Shubrooks, Jr., Samuel J., **127:** 572, 1978
systolic honks in young children (ab), Felner, Joel M.; Harwood, Suzanne; Mond, Harry; Plauth, William; Brinsfield, Dorothy; Schlant, Robert C., **126:** 283, 1978
thallium-201 myocardial perfusion studies in patients with the mitral valve prolapse syndrome (ab), Gaffney, Francis A.; Wohl, Armand J.; Blomqvist, C. Gunnar; Parkey, Robert W.; Willerson, James T., **127:** 860, 1978

Mitral valve, prostheses
echocardiographic features of the normal and malfunctioning porcine xenograft valve (ab), Chandraratna, P. A. N.; San Pedro, S. B., **129:** 860, 1978
echocardiographic study of malfunction of the Bjork-Shiley prosthetic heart valve in the mitral position (ab), Bernal-Ramirez, Jose Alberto; Phillips, John H., **126:** 841, 1978
Mitral valve, radionuclide studies
thallium-201 myocardial perfusion studies in patients with the mitral valve prolapse syndrome (ab), Gaffney, Francis A.; Wohl, Armand J.; Blomqvist, C. Gunnar; Parkey, Robert W.; Willerson, James T., **127:** 860, 1978
Mitral valve, regurgitation
cross-sectional echocardiographic detection of rheumatic mitral regurgitation (ab), Wann, Lee S.; Feigenbaum, Harvey; Weyman, Arthur E.; Dillon, James C., **129:** 283, 1978
posterior left atrial echocardiogram of mitral regurgitation (ab), Patton, R.; Dragatakis, L.; Marpole, D.; Sniderman, A., **129:** 284, 1978
Mitral valve, stenosis
echocardiography in Lutembacher's syndrome (ab), Quash, Joseph A.; Davia, James E.; deCastro, Carlos M.; Bowen, Thomas E.; Green, David C., **127:** 572, 1978
Loeffler's endocarditis presenting as mitral and tricuspid stenosis (ab), Weyman, Arthur E.; Rankin, Robert; King, Harold, **126:** 841, 1978
mechanism of paradoxical early diastolic septal motion in patients with mitral stenosis: cross-sectional echocardiographic study (ab), Weyman, Arthur E.; Heger, James J.; Kronik, Gerhard; Wann, Lee S.; Dillon, James C.; Feigenbaum, Harvey, **127:** 286, 1978
mitral valve prolapse in rheumatic mitral stenosis (ab), Weinrauch, Larry A.; McDonald, Daniel G.; DeSilva, Regis A.; Hawkins, Earl T.; Leland, Jr., O. Stevens; Shubrooks, Jr., Samuel J., **127:** 572, 1978
noninvasive study of early diastole in mitral stenosis (ab), Toutouzas, Pavlos; Velimezis, Anastasios; Castellanos, Stamatis; Avgoustakis, Dimitris, **128:** 573, 1978
pressure and sound correlates of the mitral valve echocardiogram in mitral stenosis (ab), Salerni, Rosemarie; Reddy, P. Sudhakar; Sherman, M. Eugene; O'Toole, James D.; Leon, Donald F.; Shaver, James A., **129:** 858, 1978
Mitral valve, ultrasound studies
alteration of the left ventricular pressure-volume relationship in man and its effect on the mitral echocardiographic early diastolic closure slope (ab), Vignola, Paul A.; Walker, Harriet J.; Gold, Herman K.; Leinbach, Robert C., **126:** 842, 1978
assessment of mitral valve E point-septal separation as an index of left ventricular performance in patients with acute and previous myocardial infarction (ab), Lew, Wilbur; Henning, Hartmut; Schelbert, Heinz; Karliner, Joel S., **128:** 860, 1978
clinical manifestations of mitral annulus calcification, with emphasis on its echocardiographic features (ab), D'Cruz, Ivan A.; Cohen, Howard C.; Prabhu, Ravindra; Bisla, Virendra; Glick, Gerald, **127:** 572, 1978
cross-sectional echocardiographic detection of rheumatic mitral regurgitation (ab), Wann, Lee S.; Feigenbaum, Harvey; Weyman, Arthur E.; Dillon, James C., **129:** 283, 1978
determination of mitral valve area by cross-sectional echocardiography (ab), Wann, L. S.; Weyman, Arthur E.; Feigenbaum, Harvey; Dillon, James C.; Johnston, K. W.; Eggleton, Reginald C., **129:** 572, 1978
echocardiographic criteria for the diagnosis of mitral-semilunar valve continuity (ab), Story, William E.; Felner, Joel M.; Schlant, Robert C., **128:** 572, 1978
echocardiographic diagnosis of bacterial endocarditis of the mitral valve in a neonate (ab), Bender, Robert L.; Jaffe, Richard B.; McCarthy, Dennis; Ruttenberg, Herbert D., **127:** 572, 1978
echocardiographic equivalents of a flail mitral leaflet (ab), Humphries, Jr., William C.; Hammer, William J.; McDonough, Michael T.; Lemole, Gerald; McCurdy, Richard R.; Spann, Jr., James F., **127:** 286, 1978
echocardiographic features of mitral annulus calcification (ab), Dashkoff, Neil; Karacuschansky, Miguel; Come, Patricia C.; Fortuin, Nicholas J., **127:** 572, 1978
fetal mitral valve movement recording by pulsed ultrasound (ab), Dewbury, K. C.; Meire, H. B., **129:** 572, 1978
flail mitral valve in rheumatic heart disease (ab), Ogawa, Satoshi; Dupler, Donald A.; Pauletto, Ferrel J.; Chaudry, Khalid R.; Freifus, Leonard S., **129:** 858, 1978
insensitivity of echocardiography in detecting mitral valve prolapse in older patients with chest pain (ab), Ruwitch, Joseph F.; Weiss, Alan N.; Fleg, Jerome L.; McKnight, Robert C.; Ludbrook, Philip A., **127:** 285, 1978
limitations of the echocardiogram in diagnosing valvular vegetations in patients with mitral valve prolapse (ab), Chandraratna, P. A. N.; Langevin, E., **126:** 841, 1978
mechanism of paradoxical early diastolic septal motion in patients with mitral stenosis: cross-sectional echocardiographic study (ab), Weyman, Arthur E.; Heger, James J.; Kronik, Gerhard; Wann, Lee S.; Dillon, James C.; Feigenbaum, Harvey, **127:** 286, 1978
mitral ring calcification in idiopathic hypertrophic subaortic stenosis (ab), Kronzon, Itzhak; Glassman, Ephraim, **129:** 858, 1978
mitral-septal separation: new echocardiographic index of left ventricular function (ab), Massie, Barry M.; Schiller, Nelson B.; Ratshin, Robert A.; Parmley, William W., **126:** 283, 1978
mitral valve prolapse in rheumatic mitral stenosis (ab), Weinrauch, Larry A.; McDonald, Daniel G.; DeSilva, Regis A.; Hawkins, Earl T.; Leland, Jr., O. Stevens; Shubrooks, Jr., Samuel J., **127:** 572, 1978
noninvasive study of early diastole in mitral stenosis (ab), Toutouzas, Pavlos; Velimezis, Anastasios; Castellanos, Stamatis; Avgoustakis, Dimitris, **128:** 573, 1978
oscillation of left ventricular structures in aortic regurgitation (ab), Johnson, Allen D.; Gosink, Barbara B., **126:** 842, 1978
pressure and sound correlates of the mitral valve echocardiogram in mitral stenosis (ab), Salerni, Rosemarie; Reddy, P. Sudhakar; Sherman, M. Eugene; O'Toole, James D.; Leon, Donald F.; Shaver, James A., **129:** 858, 1978
stroke volume calculated from the mitral valve echogram in patients with and without ventricular dyssynergy (ab), Rasmussen, Susan; Corya, Betty C.; Feigenbaum, Harvey; Black, Mary Jo; Lovelace, D. Eugene; Phillips, John F.; Noble, R. Joe; Knoebel, Suzanne B., **129:** 858, 1978
systolic anterior motion of the mitral valve in the absence of asymmetric septal hypertrophy (ab), Mintz, Gary S.; Kotler, Morris N.; Segal, Bernard L.; Parry, Wayne R., **127:** 859, 1978
two-dimensional echocardiographic recognition of ruptured chordae tendineae (ab), Mintz, Gary S.; Kotler, Morris N.; Segal, Bernard L.; Parry, Wayne R., **127:** 858, 1978
value and limitations of echocardiography in recording mitral valve vegetations (ab), Boucher, Charles A.; Fallon, John T.; Myers, Gordon S.; Hutter, Jr., Adolph M.; Buckley, Mortimer J., **127:** 572, 1978
Modulation transfer function
evaluation of mammographic screen–film systems, Arnold, Ben A.; Webster, Edward W.; Kalisher, Lester, **129:** 179, 1978
Mondini defect
See Ear
Mongolism
skeletal changes in Down's syndrome. correlation of roentgenologic and cytogenetic findings (ab), Willich, E.; Fuhr, U.; Kroll, W., **126:** 554, 1978
Mouth
Ludwig angina in childhood (ab), Gross, Steven J.; Nieburg, Phillip L., **126:** 274, 1978
Mouth, neoplasms
local control of squamous carcinoma of oral cavity and oropharynx with 3 vs 5 treatment fractions per week (ab), Byhardt, Roger W.; Greenberg, Maurice; Cox, James D., **126:** 845, 1978
Moyamoya disease
See Carotid arteries, stenosis
^{99m}Tc-pyridoxylideneglutamate
comparative study of intravenous cholangiography and ^{99m}Tc-pyridoxylideneglutamate in patients with hepatobiliary disease (ab), Stadalnik, Robert C.; Rosenquist, C. John, **127:** 574, 1978
Mucocele
See Sinus, paranasal
Multiple sclerosis
See Sclerosis, multiple
Multivariate information analysis
thyroid scintigraphy: pinhole images versus rectilinear scans, Sostre, Samuel; Ashare, Alan B.; Quinones, Jose D.; Schieve, Jane B.; Zimmerman, J. Milton, **129:** 759, 1978
Muscles
See also Soft tissues
calcific tendinitis of the neck, Newmark, III, Harris; Forrester, D. M.; Brown, J. C.; Robinson, Alvin; Olken, Sherwin M.; Bledsoe, Raleigh, **128:** 355, 1978
computed tomography of the anterior mediastinum in patients with myasthenia gravis and suspected thymoma, Mink, Jerrold H.; Bein, Marshall E.; Sukov, Richard; Herrmann, Jr., Christian; Winter, James; Sample, W. Frederick; Mulder, Donald, (AJR), **130:** 239, 1978
extrathoracic musculature mimicking pleural lesions, Collins, James D.; Pagani, John J., **129:** 21, 1978
pulmonary complications associated with prune-belly syndrome, Alford, Bennett A.; Peoples, W. M.; Resnick, Jack S.; L'Heureux, Philippe R., **129:** 401, 1978
Muscles, papillary
echocardiographic diagnosis of rupture of a papillary muscle (ab), Ahmad, Salahuddin; Kleiger, Robert E.; Connors, John; Krone, Ronald, **128:** 282, 1978
Muscles, psoas
pear-shaped bladder caused by large iliopsoas muscles, Chang, Stanley F., **128:** 349, 1978
Muscles, spasm
syndrome of progressive muscle spasm, alopecia, and diarrhea (ab), Satoyoshi, Eijiro, **129:** 571, 1978
Myasthenia gravis
See also Muscles
radiological evaluation of the abnormal thymus and its frequency in myasthenia gravis (ab), Deimer, E.; Keminger, K.; Krenn, J.; Pateisky, C., **129:** 278, 1978
Mycocardium, infarction
distinguishing ischemic from fibrotic myocardium during ventriculography by means of physiological potentiation, Wolf, Gerald L.; Langer, Alois A.; Shaw, David D.; Baltaxe, Harold A., **126:** 821, 1978
Myelofibrosis
spinal cord compression by extramedullary hematopoiesis in agnogenic myeloid metaplasia, Cromwell, Laurence D.; Kerber, Charles, **128:** 118, 1978
Myelography
See also Meninges; Spinal cord; Spine
Myelography, complications
changing pattern of spinal arachnoiditis (ab), Shaw, M. D. M.; Russell, J. A.; Grossart, K. W., **129:** 569, 1978
effect of dehydration on the side effects of metrizamide myelography, Eldevik, O. Petter; Nakken, Karl Otto; Haughton, Victor M., **129:** 715, 1978
effect of hydration on the acute and chronic complications of aqueous myelography: experimental study, Eldevik, O. Petter; Haughton, Victor M., **129:** 713, 1978
ineffectiveness of prophylactic intrathecal methylprednisolone in myelography with aqueous media, Eldevik, O. Petter; Haughton, Victor M.; Ho, Khang-Cheng; Williams, Alan L.; Unger, George F.; Larson, Sanford J., **129:** 99, 1978
intraspinal arachnoiditis and hydrocephalus after lumbar myelography using methylglucamine iocarmate (ab), Jensen, T. Staehelin; Hein, O., **129:** 569, 1978
risk factors in complications of aqueous myelography, Eldevik, O. Petter; Haughton, Victor M., **128:** 415, 1978
sequelae of metrizamide myelography in 200 examinations, Baker, Richard A.; Hillman, Bruce J.; McLennan, James E.; Strand, Roy D.; Kaufman, Susan M., (AJR), **130:** 499, 1978
severity of postmyelographic arachnoiditis and concentration of meglumine iocarmate in primates, Haughton, Victor M.; Ho, Khang-Cheng; Unger, George F.; Larson, Sanford J.; Williams, Alan L.; Eldevik, Petter, (AJR), **130:** 313, 1978
Myelography, contrast media
comparison of arachnoiditis produced by meglumine iocarmate and metrizamide myelography in an animal model, Haughton, Victor M.; Ho, Khang-Cheng; Larson, Sanford J.; Unger, George F.; Correa-Paz, Francisco, (AJR), **131:** 129, 1978

contrast agents for myelography: clinical and radiological evaluation of Amipaque and Pantopaque, Kieffer, Stephen A.; Binet, Eugene F.; Esguerra, Jorge V.; Hantman, Ronald P.; Gross, Cordell E., **129:** 695, 1978
development and evaluation of a new water-soluble iodinated myelographic contrast medium with markedly reduced convulsive effects, Hilal, Sadek K.; Dauth, George W.; Hess, Kenneth H.; Gilman, Sid, **126:** 417, 1978
effect of dehydration on the side effects of metrizamide myelography, Eldevik, O. Petter; Nakken, Karl Otto; Haughton, Victor M., **129:** 715, 1978
effect of hydration on the acute and chronic complications of aqueous myelography: experimental study, Eldevik, O. Petter; Haughton, Victor M., **129:** 713, 1978
metrizamide myelography for cervical spinal cord injuries, Leo, Jin S.; Bergeron, R. Thomas; Kricheff, Irvin I.; Benjamin, M. Vallo, **129:** 707, 1978
risk factors in complications of aqueous myelography, Eldevik, O. Petter; Haughton, Victor M., **128:** 415, 1978

Myelography, indications
case of spinal arteriovenous malformation: value of selective spinal angiography in its management (ab), Ng, K. K.; Vignaendra, Velupillay, **126:** 555, 1978
myelographic technique for cysts in the spinal canal and spinal cord, Haughton, Victor M.; Williams, Alan L.; Cusick, Joseph F.; Meyer, Glenn A., **129:** 717, 1978

Myelography, instrumentation
new device for myelography, Ahmadi, Jamshid; Potts, D. Gordon, **129:** 821, 1978
new device to support handicapped patients during venography or myelography, Kesala, B. Adrian; Baker, Dennis; Morin, Martin; Sue, Hak, **128:** 507, 1978

Myelography, technique
improved method of evaluating the cervico-thoracic junction in lateral tomography and air myelography, Maravilla, Kenneth R., **127:** 542, 1978
metrizamide myelography for cervical spinal cord injuries, Leo, Jin S.; Bergeron, R. Thomas; Kricheff, Irvin I.; Benjamin, M. Vallo, **129:** 707, 1978
myelographic technique for cysts in the spinal canal and spinal cord, Haughton, Victor M.; Williams, Alan L.; Cusick, Joseph F.; Meyer, Glenn A., **129:** 717, 1978
new device to support handicapped patients during venography or myelography, Kesala, B. Adrian; Baker, Dennis; Morin, Martin; Sue, Hak, **128:** 507, 1978

Myelolipoma
myelolipoma of the adrenal: two cases with ultrasound and CT findings, Behan, Michael; Martin, Eric C.; Muecke, Edward C.; Kazam, Elias, (AJR), **129:** 993, 1977

Myelomeningocele
See Spina bifida

Myelopathy
See Spinal cord

Myelosclerosis
See Spine, sclerosis

Myocardial perfusion
See Myocardium, radionuclide studies

Myocardium
See also Heart

Myocardium, blood supply
relationship between abnormal echocardiographic septal motion and myocardial perfusion in patients with significant obstruction of the left anterior descending artery (ab), Kolibash, Albert J.; Beaver, Brian M.; Fulkerson, Phillip K.; Khullar, Subhash; Leighton, Richard F., **127:** 286, 1978

Myocardium, calcification
echocardiographic diagnosis of partial pericardial constriction of the left ventricle, D'Cruz, Ivan A.; Levinsky, Richard; Anagnostopoulos, Constantine; Cohen, Howard C., **127:** 755, 1978

Myocardium, infarction
assessment of mitral valve E point-septal separation as an index of left ventricular performance in patients with acute and previous myocardial infarction (ab), Lew, Wilbur; Henning, Hartmut; Schelbert, Heinz; Karliner, Joel S., **128:** 860, 1978
coronary, ventricular, and pulmonary abnormalities associated with rupture of the interventricular septum complicating myocardial infarction, Miller, Stephen W.; Dinsmore, Robert E.; Greene, Reginald E.; Daggett, Willard M., (AJR), **131:** 571, 1978
detection of myocardial ischemia *in vitro* by computed tomography, Hessel, Samuel J.; Adams, Douglass F.; Judy, Philip F.; Fishbein, Michael C.; Abrams, Herbert L., **127:** 413, 1978
differential effects of sodium meglumine calcium metrizoate on the inotropic state of normal and ischemic myocardium, Als, Ann V.; Serur, Juan R.; LaRaia, Paul J.; Miner, Nancy C.; Paulin, Sven, **128:** 499, 1978
dual radionuclide study of acute myocardial infarction: comparison of thallium-201 and technetium-99m stannous pyrophosphate imaging in man (ab), Berger, Harvey J.; Gottschalk, Alexander; Zaret, Barry L., **128:** 860, 1978
experimental myocardial infarction in dogs with normal coronary arteries: angiographic resolution of coronary arterial emboli, Baumstark, Anthony E.; Levin, David C.; Fishbein, Michael C., **128:** 31, 1978
false aneurysms of the left ventricle: identification of distinctive clinical, radiographic, and angiographic features, Higgins, Charles B.; Lipton, Martin J.; Johnson, Allen D.; Peterson, Kirk L.; Vieweg, W. V. R., **127:** 21, 1978
gallium-67 uptake in silent myocardial infarction: case report, Schor, Robert A.; Massie, Barry M.; Botvinick, Elias H.; Shames, David M., **129:** 117, 1978
interior myocardial infarction as a cause of asymmetric septal hypertrophy: echocardiographic study (ab), Henning, Harmut; O'Rourke, Robert A.; Crawford, Michael H.; Righetti, Alberto; Karliner, Joel S., **128:** 859, 1978
myocardial imaging using emission computed tomography, Keyes, Jr., John W.; Leonard, Patrick F.; Svetkoff, Donald J.; Brody, Steven L.; Rogers, W. Leslie; Lucchesi, Benedict R., **127:** 809, 1978
pseudoaneurysm of the left ventricle: radiographic and angiocardiographic diagnosis, Spindola-Franco, Hugo; Kronacher, Norman, **127:** 29, 1978
pulmonary consolidation associated with infusion of a glucose-insulin-potassium solution in acute myocardial infarction (ab), Dye, Larry E.; Shin, Myung Soo; Witten, David M.; Russell, Jr., Richard O.; Rackley, Charles E.; Hogg, David E., **128:** 273, 1978
simultaneous detection of myocardial perfusion and wall motion abnormalities by cinematic ^{201}Ti imaging, Alderson, Philip O.; Wagner, Jr., Henry N.; Gomez-Moeiras, Juan J.; Rehn, Terry G.; Becker, Lewis C.; Douglas, Kenneth H.; Manspeaker, Henry F.; Schindledecker, Gregory R., **127:** 531, 1978
technetium pyrophosphate scanning in the detection of acute myocardial infarction: clinical experience (ab), Ko, Patrick; Kostuk, William J.; Deatrich, Denise, **126:** 286, 1978

Myocardium, radionuclide studies
correlation between intracoronary ^{201}Tl myocardial scanning, coronary angiography and left ventriculography, D'Souza, Vincent J.; Schwartz, Jeffrey S.; Amplatz, Kurt, **127:** 433, 1978
correlation of exercise ^{201}thallium myocardial scan with coronary arteriograms and the maximal exercise test (ab), Carrilo, Antonio P.; Marks, Daniel S.; Pickard, Sol D.; Khaja, Fareed; Goldstein, Sidney, **128:** 285, 1978
diagnosis of coronary artery disease with ^{201}Tl: computer analysis of myocardial perfusion images, Fletcher, James W.; Walter, Kenneth E.; Witztum, Kathryn F.; Daly, James L.; Herbig, Francis K.; Mueller, Hiltrud S.; Donati, Robert M., **128:** 423, 1978
dual radionuclide study of acute myocardial infarction: comparison of thallium-201 and technetium-99m stannous pyrophosphate imaging in man (ab), Berger, Harvey J.; Gottschalk, Alexander; Zaret, Barry L., **128:** 860, 1978
myocardial imaging with thallium-201: effect of cardiac drugs on myocardial images and absolute tissue distribution (ab), Hamilton, Glen W.; Narahara, Kenneth A.; Yee, Henry; Ritchie, James L.; Williams, David L.; Gould, K. Lance, **128:** 285, 1978
myocardial perfusion imaging with thallium-201: correlation with coronary arteriography and electrocardiography (ab), Sternberg, Leonard; Wald, Robert W.; Feiglin, David H. I.; Morch, John E., **128:** 860, 1978
predictive value of myocardial perfusion scintigraphy after stress in patients without previous myocardial infarction (ab), Turner, David A.; Battle, William E.; Deshmukh, Hanumant; Colandrea, Michael A.; Snyder, Gary J.; Fordham, Ernest W.; Messer, Joseph V., **128:** 575, 1978
simultaneous detection of myocardial perfusion and wall motion abnormalities by cinematic ^{201}Ti imaging, Alderson, Philip O.; Wagner, Jr., Henry N.; Gomez-Moeiras, Juan J.; Rehn, Terry G.; Becker, Lewis C.; Douglas, Kenneth H.; Manspeaker, Henry F.; Schindledecker, Gregory R., **127:** 531, 1978
technetium-labeled heparin: preliminary report of a new radiopharmaceutical with potential for imaging damaged coronary arteries and myocardium (ab), Kulkarni, Padmakar V.; Parkey, Robert W.; Buja, L. Maximilian; Wilson, III, James E.; Bonte, Frederick J.; Willerson, James T., **129:** 574, 1978
technetium pyrophosphate scanning in the detection of acute myocardial infarction: clinical experience (ab), Ko, Patrick; Kostuk, William J.; Deatrich, Denise, **126:** 286, 1978
thallium-201 myocardial perfusion scintigrams in the evaluation of aorto-coronary saphenous bypass surgery (ab), Verani, Mario S.; Marcus, Melvin L.; Spoto, George; Rossi, Nicholas P.; Ehrhardt, James C.; Razzak, Muhammad A., **129:** 574, 1978
use of ^{201}thallium for myocardial perfusion imaging in sarcoid heart disease (ab), Buckley, Bernardine H.; Rouleau, Jacques R.; Whittaker, James Q.; Strauss, H. William; Pitt, Bertram, **126:** 286, 1978
year's experience with 201-thallium myocardial perfusion in the diagnosis of coronary perfusion defects (ab), Lutolf, U. M.; Schneider, E.; Glanzmann, Ch.; Nuesch, K.; Pfeiffer, F.; Krayenbuhl, H. P.; Horst, W., **127:** 574, 1978

Myocardium, ultrasound studies
assessment of mitral valve E point-septal separation as an index of left ventricular performance in patients with acute and previous myocardial infarction (ab), Lew, Wilbur; Henning, Hartmut; Schelbert, Heinz; Karliner, Joel S., **128:** 860, 1978
detection of myocardial scar tissue by M-mode echocardiography (ab), Rasmussen, Susan; Corya, Betty C.; Feigenbaum, Harvey; Knoebel, Suzanne B., **127:** 859, 1978
interior myocardial infarction as a cause of asymmetric septal hypertrophy: echocardiographic study (ab), Henning, Harmut; O'Rourke, Robert A.; Crawford, Michael H.; Righetti, Alberto; Karliner, Joel S., **128:** 859, 1978

Myoma
adenomyoma of the stomach (ab), Lasser, Abraham; Koufman, William B., **128:** 276, 1978
case of the summer season: benign metastasizing leiomyomas of the lung, Becker, Joseph M., (SR), **13:** 189, 1978
ultrasonic findings in intramural exogastric lesions, Sandler, Michael A.; Ratanaprakarn, Sirimana; Madrazo, Beatrice L., **128:** 189, 1978

Myosarcoma
angiography of abdominal leiomyosarcoma, Granmayeh, Masood; Jonsson, Kjell; McFarland, Warren; Wallace, Sidney, (AJR), **130:** 725, 1978
factors leading to delay in the diagnosis and affecting survival of children with head and neck rhabdomyosarcoma (ab), Pratt, Charles B.; Smith, John W.; Woerner, Sarah; Mauer, Alvin M.; Hustu, H. Omar; Johnson, Warren W.; Shanks, Ellen C., **128:** 271, 1978
incidence of meningeal involvement by rhabdomyosarcoma of the head and neck in children: report of the Intergroup Rhabdomyosarcoma Study (IRS) (ab), Tefft, Melvin; Fernandez, Carlos; Donaldson, Milton; Newton, William; Moon, Thomas E., **129:** 575, 1978
nasopharyngeal rhabdomyosarcoma: clinical perspective (ab), Canalis, Rinaldo F.; Jenkins, Herman A.; Hemenway, William G.; Lincoln, Charles, **129:** 849, 1978
radiology of bone changes in rhabdomyosarcoma (ab), Simmons, M.; Tucker, A. K., **129:** 571, 1978
role of diagnostic radiology in the diagnosis and management of rhabdomyosarcoma in young persons (ab), Dillon, E.; Parkin, G. J. S., **129:** 571, 1978
ultrasonic findings in intramural exogastric lesions, Sandler, Michael A.; Ratanaprakarn, Sirimana; Madrazo, Beatrice L., **128:** 189, 1978

Myositis
cardiac manifestations in polymyositis (ab), Gottdiener, John S.; Sherber, Harvey S.; Hawley, Rollin J.; Engel, W. King, **129:** 283, 1978
esophagus in collagen disease: radiologic findings (ab), Miller, Wallace T.; Turner, Robert; Lipshutz, William; Rittenberg, Gerald; Schumacher, H. Ralph; Cohen, Sidney, **127:** 279, 1978

Myositis ossificans
fibrodysplasia (myositis) ossificans progressiva treated with disodium etidronate (ab), Hentzer, B.; Jacobsen, H. H.; Asboe-Hansen, G., **129:** 567, 1978
heterotopic new bone formation: myositis ossificans versus malignant tumor, Kagan, A. Robert; Steckel, Richard J., (AJR), **130:** 773, 1978
Myotonia chondrodystrophica
See Bones, osteochondrodysplasias
Myxedema
myxedema pseudoobstruction, Salerno, Nicholas; Grey, Neil, (AJR), **130:** 175, 1978
Myxoma
bronchopulmonary hamartomas, chondromas, fibromas, and myxomas (ab), Roenspies, U.; Morin, D.; Gloor, E.; von Hochstetter, A. R.; Saegesser, F.; Senning, A., **128:** 565, 1978
echocardiographic features of right ventricular outflow tumor prolapsing into the pulmonary artery (ab), Nanda, Navin C.; Barold, S. Serge; Gramiak, Raymond; Ong, Ling S.; Heinle, Robert A., **126:** 282, 1978
two-dimensional echocardiographic diagnosis of left atrial myxoma (ab), Lappe, Donald L.; Bulkley, Bernadine H.; Weiss, James L., **129:** 859, 1978

N

Nasopharynx
radiology of the nose, paranasal sinuses and nasopharynx. section 2 of Golden's diagnostic radiology (bk rev), Dodd, Gerald D.; Jing, Bao-Shan, Reviewed by Potter, Guy D., **127:** 664, 1978
Nasopharynx, neoplasms
apparent reformation of the base of the skull following radiotherapy for nasopharyngeal carcinoma, Unger, June DeBoer; Chiang, Lan Chang; Unger, George F., **126:** 779, 1978
computerized axial tomography in the preoperative evaluation of an angiofibroma (ab), Duckert, Larry G.; Varley, Richard B.; Hilger, Jerome A., **129:** 849, 1978
diagnosis of juvenile angiofibroma by computed tomography, Weinstein, Meredith A.; Levine, Howard; Duchesneau, Paul M.; Tucker, Harvey M., **126:** 703, 1978
distant metastases in nasopharyngeal carcinoma (ab), Khor, T. H.; Tan, B. C.; Chua, E. J.; Chia, K. B., **129:** 560, 1978
hypertrophic osteoarthropathy in childhood malignancy, Ameri, Morad R.; Alebouyeh, Mardawig; Donner, Martin W., (AJR), **130:** 992, 1978
internal carotid artery supply in juvenile angiofibroma (ab), Becker, H.; Newton, T. H., **129:** 846, 1978
intracranial and extracranial neurogenic hamartoma (ab), Gallo, Jr., Anthony E.; Smith, James D., **126:** 547, 1978
juvenile nasopharyngeal angiofibroma: report of seven cases, Sinha, Purendra P.; Aziz, Hasan I., **127:** 501, 1978
nasopharyngeal rhabdomyosarcoma: clinical perspective (ab), Canalis, Rinaldo F.; Jenkins, Herman A.; Hemenway, William G.; Lincoln, Charles, **129:** 849, 1978
pitfalls in the radiographic diagnosis of angiofibroma, Shaffer, Katherine; Haughton, Victor; Farley, George; Friedman, Jerry, **127:** 425, 1978
Neck
calcific tendinitis of the neck, Newmark, III, Harris; Forrester, D. M.; Brown, J. C.; Robinson, Alvin; Olken, Sherwin M.; Bledsoe, Raleigh, **128:** 355, 1978
Neck, computed tomography
See Computed tomography, neck
Neck, neoplasms
computerized tomography in the evaluation of head and neck lesions (ab), Thawley, Stanley E.; Gado, Mokhtar; Fuller, Thomas R., **129:** 848, 1978
factors leading to delay in the diagnosis and affecting survival of children with head and neck rhabdomyosarcoma (ab), Pratt, Charles B.; Smith, John W.; Woerner, Sarah; Mauer, Alvin M.; Hustu, H. Omar; Johnson, Warren W.; Shanks, Ellen C., **128:** 271, 1978
high-dose rate intracavitary radiation therapy for advanced head and neck tumors (ab), Akanuma, Atsuo, **126:** 844, 1978
hypertrophic osteoarthropathy in childhood malignancy, Ameri, Morad R.; Alebouyeh, Mardawig; Donner, Martin W., (AJR), **130:** 992, 1978
incidence of meningeal involvement by rhabdomyosarcoma of the head and neck in children: report of the Intergroup Rhabdomyosarcoma Study (IRS) (ab), Tefft, Melvin; Fernandez, Carlos; Donaldson, Milton; Newton, William; Moon, Thomas E., **129:** 575, 1978
lymphoma of the head and neck (ab), Fierstein, Jeffery F.; Thawley, Stanley E., **129:** 849, 1978
malignant fibrous histiocytoma of the head and neck (ab), Blitzer, Andrew; Lawson, William; Biller, Hugh F., **128:** 563, 1978
orthogonal xeroradiography for ^{125}I seed implantation, Mantravadi, Rao; Liebner, Edwin J.; Ginde, Jayant V.; Haas, Richard E., **127:** 832, 1978
preliminary results using twice-a-day fractionation in the radiotherapeutic management of advanced cancers of the head and neck, Jampolis, Samuel; Pipard, Gudrun; Horiot, Jean-Claude; Bolla, Michel; Le Dorze, Christian, (AJR), **129:** 1091, 1977
simultaneous recurrent multiple chemodectomas (ab), Casterline, Peter F.; Jacques, Darrell A., **129:** 845, 1978
Neoplasms
See also Radiations, injurious effects; Radiobiology; Therapeutic radiology; under organs and regions; and under names of individual neoplasms
barium enema in the high-risk carcinoma patient—epilogue (L), Miller, Roscoe E., **127:** 271, 1978
Neoplasms, diagnosis
diagnosis and staging of cancer. a radiological approach (bk rev), Steckel, Richard J.; Kagan, A. Robert, Reviewed by Wallace, Sidney, **126:** 340, 1978
Neoplasms, emboli
arterial embolization of malignant tumor: report of two cases with angiographic findings, Stanley, Philip; Eto, Ross T., **126:** 93, 1978
Neoplasms, experimental
enhancement of lung colony-forming efficiency by local thoracic irradiation: interpretation of labeled cell studies, Peters, Lester J.; Mason, Kathryn; McBride, William H.; Patt, Yehuda Z., **126:** 499, 1978
imaging of canine tumors with ^{11}C-methylputrescine, Miller, Tom R.; Siegel, Barry A.; Fair, William R.; Smith, E. Kaye; Welch, Michael J., **129:** 221, 1978
tumor cell respiration following irradiation, Clement, Jacob J.; Song, Chang W.; Sand, Theodore T., **126:** 507, 1978
tumor reoxygenation and postirradiation vascular changes, Clement, Jacob J.; Tanaka, Norimoto; Song, Chang W., **127:** 799, 1978
Neoplasms, in infants and children
angiography of extremity masses in children, Stanley, Philip; Miller, John H., (AJR), **130:** 1119, 1978
benign lipoblastoma, Rubin, Eva, (SR), **13:** 5, 1978
childhood rhabdomyosarcoma of the extremity: results of combined modality therapy (ab), Ransom, J. Laurence; Pratt, Charles B.; Shanks, Ellen, **127:** 576, 1978
computed tomography and ultrasound in the diagnosis and management of neuroblastoma, Berger, Paul E.; Kuhn, Jerald P.; Munschauer, Richard W., **128:** 663, 1978
contribution of angiography to the diagnosis, staging and assessment of radiation and chemotherapy of solid abdominal malignancies in children (ab), Rosch, Joseph; Neerhout, Robert C.; Campbell, John R.; Stevens, Kenneth R., **128:** 570, 1978
experience with 659 consecutive lymphograms in children (ab), Castellino, Ronald A.; Bergiron, Charles; Markovits, Paul, **126:** 835, 1978
fibroma of the heart: review and report of a case in an infant (ab), Brochard, A.; Juif, J.-G.; Pautrat, F., **128:** 853, 1978
incidence of meningeal involvement by rhabdomyosarcoma of the head and neck in children: report of the Intergroup Rhabdomyosarcoma Study (IRS) (ab), Tefft, Melvin; Fernandez, Carlos; Donaldson, Milton; Newton, William; Moon, Thomas E., **129:** 575, 1978
intense concentration of technetium-99m pyrophosphate in the kidneys of children treated with chemotherapeutic drugs for malignant disease, Lutrin, Calvin L.; McDougall, I. Ross; Goris, Michael L., **128:** 165, 1978
mediastinal masses in infants and children (ab), Bower, Richard J.; Kiesewetter, William B., **126:** 839, 1978
nasopharyngeal rhabdomyosarcoma: clinical perspective (ab), Canalis, Rinaldo F.; Jenkins, Herman A.; Hemenway, William G.; Lincoln, Charles, **129:** 849, 1978
obstructing lesions of the larynx and trachea in infants and children, Kushner, David C.; Harris, G. B. Clifton, (RCNA), **16:** 181, 1978
pediatric oncologic radiology (bk rev), Parker, Bruce R.; Castellino, Ronald A., eds., Reviewed by Griscom, N. Thorne, **126:** 462, 1978
radiation-induced soft-tissue and bone sarcoma, Kim, Jae Ho; Chu, Florence C.; Woodard, Helen Q.; Melamed, Myron R.; Huvos, Andrew; Cantin, Jacques, **129:** 501, 1978
radiographic findings in ovarian teratomas in children, Siegel, Marilyn J.; McAlister, William H.; Shackelford, Gary D., (AJR), **131:** 613, 1978
radiology of bone changes in rhabdomyosarcoma (ab), Simmons, M.; Tucker, A. K., **129:** 571, 1978
recurrent meningitis due to an intracranial epidermoid (ab), Schwartz, James F.; Balentine, J. Douglas, **129:** 558, 1978
remote effects of neuroblastoma, Keating, James W.; Cromwell, Laurence D., (AJR), **131:** 299, 1978
retroperitoneal lipoma in a child, Mineau, D. Edward; Nixon, George W., **126:** 456, 1978
right atrial myxoma in a child (ab), Burech, Dennis L.; Teske, Douglas W.; Haynes, Ralph E., **127:** 563, 1978
role of diagnostic radiology in the diagnosis and management of rhabdomyosarcoma in young persons (ab), Dillon, E.; Parkin, G. J. S., **129:** 571, 1978
tumors of the chest wall in infants and children (ab), Franken, Jr., E. A.; Smith, J. A.; Smith, W. L., **126:** 834, 1978
value of CT for the diagnosis of pituitary microadenomas in children (ab), Belloni, G.; Baciocco, A.; Borrelli, P.; Sagui, G.; Di Rocco, C.; Maira, G., **129:** 845, 1978
Neoplasms, metastases
pedunculated endotracheal metastasis, MacMahon, Heber; O'Connell, Denis J.; Cimochowski, George E., (AJR), **131:** 713, 1978
value of roentgenologic, scintigraphic, and biochemical methods in evaluating metastatic spread in prostatic carcinoma (ab), Rost, A.; Fiedler, U.; Marshall, F.; Koppenhagen, K., **126:** 839, 1978
Neoplasms, radionuclide diagnosis
clinical experience of tumor imaging with ^{201}Tl-chloride (ab), Tonami, Norihisa; Hisada, Kinichi, **126:** 846, 1978
imaging of canine tumors with ^{11}C-methylputrescine, Miller, Tom R.; Siegel, Barry A.; Fair, William R.; Smith, E. Kaye; Welch, Michael J., **129:** 221, 1978
mechanisms of localization of gallium-67 in tumors, Larson, Steven M., (SNM), **8:** 193, 1978
static and dynamic imaging with indium-111 labelled bleomycin in the localization of squamous cell neoplasia (ab), Burton, I. E.; Todd, J. H.; Turner, R. L., **127:** 574, 1978
Neoplasms, staging
diagnosis and staging of cancer. a radiological approach (bk rev), Steckel, Richard J.; Kagan, A. Robert, Reviewed by Wallace, Sidney, **126:** 340, 1978
eight years of experience with preoperative angiographic and lymphographic staging of bladder cancer (ab), Winterberger, A. R.; Wajsman, Z.; Merrin, C.; Murphy, G. P., **128:** 569, 1978
evaluation of pedal lymphangiography in staging non-seminomatous testicular carcinoma (ab), Storm, P. B.; Kern, A.; Loening, S. A.; Brown, R. C.; Culp, D. A., **127:** 278, 1978
Neoplasms, therapeutic radiology
high-dose rate intracavitary radiation therapy for advanced head and neck tumors (ab), Akanuma, Atsuo, **126:** 844, 1978
Neoplasms, therapy
local tumor hyperthermia in combination with radiation therapy: I. malignant cutaneous lesions (ab), Kim, Jae Ho; Hahn, Eric W.; Tokita, N.; Nisce, L. Z., **126:** 285, 1978
pediatric oncologic radiology (bk rev), Parker, Bruce R.; Castellino, Ronald A., eds., Reviewed by Griscom, N. Thorne, **126:** 462, 1978
radiation therapy in the definitive treatment of localized carcinoma of the prostate (ab), Perez, Carlos A.; Bauer, Walter; Garza, Raul; Royce, Robert K., **127:** 288, 1978
Neoplasms, ultrasound diagnosis
ultrasonic evaluation of radiation therapy ports (ab), Carter, Stephen J.; Denney, John D.; Tesh, Donald W.; Marty, Raymond; Davis, M. Christine, **126:** 284, 1978

Nephritis
late sequelae of adult-onset acute bacterial nephritis, Davidson, Alan J.; Talner, Lee B., **127:** 367, 1978
tumefactive megalocytic interstitial nephritis, Jander, H. Peter; Pujara, Subash; Murad, Tariq M., **129:** 635, 1978
ultrasonic appearance of acute poststreptococcal glomerulonephritis (ab), Rochester, David; Aronson, Andrew J.; Bowie, James D.; Kunzmann, Axel, **129:** 861, 1978
unusual renal manifestations of Wegener's granulomatosis: report of two cases (ab), Baker, Stuart B.; Robinson, Dwight R., **129:** 282, 1978
Nephroblastomatosis
See Kidney neoplasms
Nephroma
See Kidney neoplasms
Nephropyelostomy
See Kidneys, surgery
Nephrostomy
See Kidneys, surgery
Nerves
See also Nervous system; Neurinoma; Paralysis; Spinal cord; under diseases, organs and regions
Nerves, abducens
abducens nerve palsy as initial symptom of trigeminal schwannoma (ab), Yamashita, Junkoh; Asato, Renin; Handa, Hajime; Nakao, Satoshi; Ogata, Masahiro, **129:** 273, 1978
Nerves, facial
etiology and definitive microsurgical treatment of hemifacial spasm: operative techniques and results in 47 patients (ab), Jannetta, Peter J.; Abbasy, Munir; Maroon, Joseph C.; Ramos, Francisco M.; Albin, Maurice S., **128:** 271, 1978
Nerves, optic
computed tomography of intraorbital optic nerve gliomas in children, Byrd, Sharon E.; Harwood-Nash, Derek C.; Fitz, Charles R.; Barry, Jonathan F.; Rogovitz, David M., **129:** 73, 1978
computed tomography of the optic nerve: part I. normal results (ab), Salvolini, U.; Cabanis, E. A.; Rodallec, A.; Menichelli, F.; Pasquini, U.; Iba-Zizen, M. T., **129:** 272, 1978
computed tomography of the optic nerve: part II. size and shape modifications in pappiledema (ab), Cabanis, E. A.; Salvolini, U.; Rodallec, A.; Menichelli, F.; Pasquini, U.; Bonnin, P., **129:** 272, 1978
optic nerve glioma: role of radiation therapy (ab), Montgomery, Alan B.; Griffin, Thomas; Parker, Robert G.; Gerdes, Arthur J., **127:** 288, 1978
sarcoid-like disorder of the intracranial optic nerve: clinicopathological report of two cases (ab), Frisen, L.; Lindgren, S.; MacGregor, B. J. L.; Stattin, S., **127:** 847, 1978
Nerves, trigeminal
abducens nerve palsy as initial symptom of trigeminal schwannoma (ab), Yamashita, Junkoh; Asato, Renin; Handa, Hajime; Nakao, Satoshi; Ogata, Masahiro, **129:** 273, 1978
primary malignant schwannoma of the gasserian ganglion: report of two cases (ab), Hedeman, Lynn S.; Lewinsky, Bernard S.; Lochridge, G. Kress; Trevor, Richard, **129:** 273, 1978
trigeminal false localizing signs and their causation (ab), O'Connell, J. E. A., **129:** 557, 1978
Nervous system
neuro-Behcet disease: two cases and neuroradiologic findings (ab), Kozin, Franklin; Haughton, Victor; Bernhard, Gerson C., **129:** 274, 1978
neuroradiological manifestations of intracranial sarcoidosis, Bahr, Albert Lee; Krumholz, Allan; Kristt, Donald; Hodges, III, Fred J., **127:** 713, 1978
nuclear anatomy of diversionary central nervous system shunts in children (ab), Sty, John R.; D'Souza, Bernard J.; Daniels, David, **129:** 861, 1978
orthogonal fields: variations in dose *vs.* gap size for treatment of the central nervous system, Bukovitz, Andrew G.; Deutsch, Melvin; Slayton, Robert, **126:** 795, 1978
Nervous system, cysts
epidermoid and dermoid cysts: clinical evaluation and late surgical results (ab), Guidetti, Beniamino; Gagliardi, Franco M., **127:** 848, 1978
Nervous system, diseases
CT scanning and diagnosis of adrenoleukodystrophy (ab), Greenberg, Harry S.; Halverson, Dea; Lane, Barton, **128:** 270, 1978
Nervous system, neoplasms
malignant melanoma metastatic to the central nervous system, Enzmann, Dieter R.; Kramer, Richard; Norman, David; Pollock, James, **127:** 177, 1978
neural tumors of the thorax: subject review from the AFIP, Reed, James C.; Hallet, Kathleen Kagan; Feigin, David S., **126:** 9, 1978
steroid-induced suppression of gallium uptake in tumors of the central nervous system: concise communication (ab), Waxman, Alan D.; Beldon, John R.; Richli, William; Tanasescu, Doina E.; Siemsen, Jan K., **129:** 285, 1978
Nervous system, radionuclide studies
steroid-induced suppression of gallium uptake in tumors of the central nervous system: concise communication (ab), Waxman, Alan D.; Beldon, John R.; Richli, William; Tanasescu, Doina E.; Siemsen, Jan K., **129:** 285, 1978
Nesidioblastoma
See Pancreas, neoplasms
Neuralgia
glossopharyngeal neuralgia (ab), Laha, Ranjit K.; Jannetta, Peter J., **128:** 271, 1978
Neurilemoma
See Neuroma
Neurinoma
see Neuroma
Neuroblastoma
computed tomography and ultrasound in the diagnosis and management of neuroblastoma, Berger, Paul E.; Kuhn, Jerald P.; Munschauer, Richard W., **128:** 663, 1978
false negative bone scans in neuroblastoma metastatic to the ends of long bones, Kaufman, Robert A.; Thrall, James H.; Keyes, Jr., John W.; Brown, Manuel L.; Zakem, James F., (AJR), **130:** 131, 1978
left adrenal neuroblastoma with normal-appearing urogram, Haller, Jack O.; Berdon, Walter E.; Baker, David H.; Kassner, E. George, (AJR), **129:** 1051, 1977
neural tumors of the thorax: subject review from the AFIP, Reed, James C.; Hallet, Kathleen Kagan; Feigin, David S., **126:** 9, 1978
remote effects of neuroblastoma, Keating, James W.; Cromwell, Laurence D., (AJR), **131:** 299, 1978
scintigraphic evaluation of childhood malignancies by ^{67}Ga-citrate, Bekerman, Carlos; Port, Ronald B.; Pang, Emily; Moohr, John W.; Kranzler, Jeffry K., **127:** 719, 1978
tumor visualization using ^{67}Gallium scintigraphy in children, Edeling, Carl-Johan. **127:** 727, 1978
Neurofibroma
neural tumors of the thorax: subject review from the AFIP, Reed, James C.; Hallet, Kathleen Kagan; Feigin, David S., **126:** 9, 1978
Neurofibromatosis
bilateral internal auditory canal enlargement due to dural ectasia in neurofibromatosis, Sarwar, Mohammad; Swischuk, Leonard E., (AJR), **129:** 935, 1977
CASE OF THE FALL SEASON (diffuse neurofibromatosis with urinary obstruction, sacral invasion, and hypertension), Myers, H. S., (SR), **12:** 263, 1977
congenital pseudarthrosis of the radius, Cleveland, Robert H.; Gilsanz, Vicente; Wilkinson, Robert H., (AJR), **130:** 955, 1978
neurofibromatosis in children: 1977 Edward B. D. Neuhauser lecture, Holt, John F., (AJR), **130:** 615, 1978
pedicle in neurofibromatosis, Mandell, Gerald A., (AJR), **130:** 675, 1978
pheochromocytoma associated with neurofibromatosis (ab), Rosenbusch, G.; v.'t Laar, A.; Lubbers, E. J. C., **128:** 858, 1978
Neurolemmoma
visualization of small extracanalicular neurolemomas by metrizamide cisternographic enhancement (ab), Rosenbaum, A. E.; Drayer, B. P.; Dubois, P. J.; Black, F. O., **129:** 851, 1978
Neuroma
computed cranial tomography in the investigation of acoustic neurilemmomas (ab), Dubois, Philip J.; Drayer, Burton P.; Boehnke, Manfred; Rosenbaum, Arthur E., **126:** 547, 1978
computed tomography of acoustic neurinoma, Robbins, Barry; Marshall, Jr., William H., **128:** 367, 1978
critical comparison of neurosurgical and otolaryngological approaches to acoustic neuromas (ab), DiTullio, Jr., Michael V.; Malkasian, Dennis; Rand, Robert W., **129:** 275, 1978
evaluation of current diagnostic radiologic modalities in the investigation of acoustic neurilemmomas, Dubois, Philip J.; Drayer, Burton P.; Bank, William O.; Deeb, Ziad L.; Rosenbaum, Arthur E., **126:** 173, 1978
role of CT scanning in the diagnosis of acoustic neuromas (ab), Wortzman, George; Holgate, Richard C.; Sokjer, Hannibal; Noyek, Arnold M., **127:** 842, 1978
Neuroradiology
See also Brain; Cerebral angiography; Cerebral blood vessels; Nerves; Nervous system; Spinal cord; etc.
use of an alternating pressure pad to reduce patient back pain during neuroangiography, Lamb, Sharon A.; Mani, Richard L., **128:** 510, 1978
Neurosarcoidosis
See Sarcoidosis
Neutrons
assessment of neutron/gamma-ray dose ratios in intracavitary ^{252}Cf neutron therapy, Tai, Douglas L.; Maruyama, Yosh, **128:** 795, 1978
comparison of the effects of 50 $MeV_{d\rightarrow Be}$ neutron and cobalt-60 irradiation of the kidneys of rhesus monkeys, Raulston, Gilbert L.; Gray, Kenneth N.; Gleiser, Chester A.; Jardine, John H.; Flow, Bryan L.; Huchton, Judy I.; Bennett, Kent R.; Hussey, David H., **128:** 245, 1978
cyclotron fast neutron RBE for late kidney damage, Geraci, Joseph P.; Thrower, Pamella D.; Mariano, Marnela, **126:** 519, 1978
dosimetry techniques for fast neutrons (ab), Bewley, D. K., **129:** 288, 1978
evolution of dosage schedules at the fast neutron therapy facilities in the United States (ab), Hussey, David H.; Parker, Robert G.; Rogers, Charles C., **129:** 288, 1978
future neutron therapy clinical trials in the United States (ab), Rogers, Charles C.; Hussey, David H.; Parker, Robert A.; Cohen, Lionel, **129:** 288, 1978
history of the use of neutrons in radiation therapy (ab), Brennan, James T., **129:** 287, 1978
neutron source development at the Cyclotron Corporation (ab), Hendry, G. O.; Hilton, J. L.; Tom, J. L., **129:** 288, 1978
operational characteristics of two types of sealed-tube fast-neutron radiotherapy installations (ab), Broerse, Johan J.; Greene, David; Lawson, Robert C.; Mijnheer, Ben J., **129:** 288, 1978
treatment planning for neutron radiation therapy (ab), Wootton, P.; Weaver, K.; Eenmaa, J., **129:** 288, 1978
Nevi
vitamin D-resistant rickets associated with epidermal nevus syndrome: demonstration of a phosphaturic substance in the dermal lesions (ab), Aschinberg, Lorenzo C.; Solomon, Lawrence M.; Zeis, Petros M.; Justice, Parvin; Rosenthal, Ira M., **127:** 284, 1978
Nissen fundoplication
See Esophagus, cardioesophageal junction; Esophagus, surgery
Nocardiosis
pulmonary nocardiosis, Balikian, Jirayr P.; Herman, Peter G.; Kopit, Sandra, **126:** 569, 1978
Noonan-Saldino syndrome
See Bones, osteochondrodysplasias
Nose
narrowing of the airway in relapsing polychondritis, Kilman, William J., **126:** 373, 1978
necrotizing sialometaplasia involving the nasal cavity (ab), Maisel, R. H.; Johnston, W. H.; Anderson, H. A.; Cantrell, R. W., **127:** 848, 1978
radiology of the nose, paranasal sinuses and nasopharynx. section 2 of Golden's diagnostic radiology (bk rev), Dodd, Gerald D.; Jing, Bao-Shan, Reviewed by Potter, Guy D., **127:** 664, 1978
Nose, abnormalities
proboscis lateralis: case report and embryologic analysis (ab), Rontal, Michael; Durita, G., **127:** 848, 1978
Nose, fungus
rhinocerebral phycomycosis (ab), Yanagisawa, Eiji; Kundargi, Stanley S.; Smith, Howard W., **128:** 560, 1978
Nose, injuries
nasofrontal-ethmoidal injuries (ab), May, Mark, **127:** 848, 1978
radiology of nasal injuries: problems of interpretation and clinical relevance (ab), de Lacey, G. J.; Wignall, B. K.; Hussain, S.; Reidy, J. R., **127:** 559, 1978

Nose, neoplasms
extramedullary plasmacytoma, Schabel, Stephen I.; Rogers, Charles I.; Rittenberg, Gerald M.; Bubanj, Radovan, **128:** 625, 1978
hemangiopericytoma-like tumors of the nasal cavity: comparison with hemangiopericytoma of soft tissue (ab), Compagno, John, **129:** 849, 1978
malignant neoplasms of the nasal cavities and paranasal sinuses: retrospective study (ab), Jackson, R. T.; Fitz-Hugh, G. S.; Constable, W. C., **127:** 560, 1978
nasal gliomas: review and report of two cases (ab), Karma, P.; Rasanen, O.; Karja, J., **128:** 563, 1978
Nuclear medicine
See also Physics; Radionuclide imaging; Radionuclides; under diseases, organs, and regions
nuclear medicine technology review (bk rev), White, Susan A.; Rosenfeld, Sheila Dworkin, Reviewed by Halpin, William W., **127:** 726, 1978
Nuclear medicine, instrumentation
computers and quality control in nuclear medicine, Brookeman, Valerie A., (SNM), **8:** 113, 1978
computers in nuclear medicine: introductory concepts, Weber, David A., (SNM), **8:** 107, 1978
Nuclear medicine, quality control
quality control in nuclear medicine: radiopharmaceuticals, instrumentation, and *in vitro* assays (bk rev), Rhodes, Buck A., ed., Reviewed by Dworkin, Howard J.; Gutkowski, Robert; Wery, Ray; Ferry, Doug; McCulloch, Roy, **128:** 162, 1978
Nuclides
See Radionuclides; under names of individual radionuclides
Nutrition
radiographic aspects of total parenteral nutrition during infancy, Effmann, Eric L.; Ablow, Ronald C.; Touloukian, Robert J.; Seashore, John H., **127:** 195, 1978
skeletal changes of copper deficiency in infants receiving prolonged total parenteral nutrition (ab), Heller, Richard M.; Kirchner, Sandra G.; O'Neill, Jr., James A.; Hough, Jr., A. J.; Howard, Lyn; Kramer, Sandra Sue; Green, Harry L., **129:** 854, 1978

O

Obituaries
Aurelius, J. Richards, **126:** 825, 1978
Beatty, Samuel Richard, **128:** 515, 1978
Caro, David L., **127:** 272, 1978
Cloninger, Samuel Raymond, **126:** 826, 1978
Du Sault, Lucille Ann, **129:** 837, 1978
Epstein, Bernard S., **129:** 543, 1978
Garneau, Jean-Jacques, **127:** 273, 1978
Grendon, David A., **129:** 838, 1978
Hay, Percy Douglas, **127:** 835, 1978
Larrabee, Walter S., **128:** 516, 1978
Levin, Emanuel J., **129:** 251, 1978
Macmillan, Jr., Alexander S., **128:** 844, 1978
Sehested, Herman C., **127:** 836, 1978
Stevenson, Clyde A., **127:** 556, 1978
Suffron, Jr., Ben F., **128:** 843, 1978
Truog, Clarence Peter, **129:** 544, 1978
Wilson, Hugh M., **128:** 842, 1978
Wolf, Bernard S., **126:** 827, 1978
Zanca, Peter, **127:** 837, 1978
Observer performance
See Diagnostic radiology, observer performance; Radiographs, interpretation; Radiography, image processing
Odontoid process
See Atlas and axis
Ollier disease
See Enchondroma
Omentum
sonographic evaluation of mesenteric and omental masses in children, Haller, Jack O.; Schneider, Morton; Kassner, E. George; Slovis, Thomas L.; Perl, Louis J., (AJR), **130:** 269, 1978
Omphalocele
See Abdomen, abnormalities
Oncocytoma
angiographic patterns in renal oncocytomas, Ambos, Marjorie A.; Bosniak, Morton A.; Valensi, Quentin J.; Madayag, Manuel A.; Lefleur, Richard S., **129:** 615, 1978
Oncology
See Neoplasms
Ondine's curse
See Lungs, ventilation
Ophthalmology
See Eyes
Ophthalmoplegia
see Eyes, paralysis
Opinions
See also Editorials
bedside examination: time for analysis and appropriate action, Barnhard, Howard J., **129:** 539, 1978
diagnostic radiology: beyond mere technology, Hessel, Samuel J.; Abrams, Herbert L., **129:** 249, 1978
ICRU and ICRP activities are important to radiologists and allied scientists, Wyckoff, Harold O., **129:** 537, 1978
identification of placenta praevia, Goldberg, Barry B., **128:** 255, 1978
law of agency as applied to radiology, James, Jr., A. Everette; Sherrard, III, Thomas J., **128:** 257, 1978
medical malpractice insurance. part I: consideration of some of the factors, James, Jr., A. Everette, **128:** 837, 1978
medical malpractice insurance: part II: some proposed solutions, James, Jr., A. Everette, **129:** 245, 1978
on "conservative" estimates of radiation hazards, Swartz, Harold M., **126:** 267, 1978
percutaneous punctures: new radiological skill, Sanders, Roger C., **127:** 833, 1978
Orbit
ectopic lymph node of the orbit simulating a lacrimal gland tumor (ab), Wolter, J. Reimer; Roosenberg, Robert R., **128:** 851, 1978
use of coronal scans for computed tomography of the orbits (ab), Baleriaux-Waha, D.; Mortelmans, L. L.; Dupont, M. G.; Terwinghe, G.; Jeanmart, L., **128:** 561, 1978
Orbit, anatomy
computed tomography of the orbit with special emphasis on coronal sections: part I. normal anatomy (ab), Tadmor, Rina; New, Paul F. J., **128:** 267, 1978
Orbit, diseases
computed tomography of the orbit with special emphasis on coronal sections: part II. pathological anatomy (ab), Tadmor, Rina; New, Paul F. J., **128:** 268, 1978
Orbit, neoplasms
computed tomography in ocular neoplastic disease, Bernardino, Michael E.; Danziger, Julius; Young, Sue Ellen; Wallace, Sidney, (AJR), **131:** 111, 1978
computed tomography of orbital lesions: radiological study of 144 cases (ab), Gyldensted, C.; Lester, J.; Fledelius, H., **127:** 559, 1978
optic nerve glioma: role of radiation therapy (ab), Montgomery, Alan B.; Griffin, Thomas; Parker, Robert G.; Gerdes, Arthur J., **127:** 288, 1978
primary orbital hemangiopericytoma: aggressive and potentially malignant neoplasm (ab), Henderson, John W.; Farrow, George M., **129:** 847, 1978
radiotherapy of orbital pseudotumor, Kim, Robert Y.; Roth, Robert E., **127:** 507, 1978
Orbit, therapeutic radiology
radiotherapy of orbital pseudotumor, Kim, Robert Y.; Roth, Robert E., **127:** 507, 1978
Orbit, ultrasound studies
real time ophthalmic ultrasonography, Hassani, Sam N.; Bard, Robert L., **127:** 213, 1978
Orchiopexy
See Testes, surgery
Oropharynx
See Pharynx
Osteitis deformans
comparison of radiography and radioisotope scanning in the detection of Paget's disease and in the assessment of responses to human calcitonin (ab), Lavender, J. P.; Evans, Imogen M. A.; Arnot, Rosemary; Bowring, S.; Doyle, F. H.; Joplin, G. F.; MacIntyre, I., **126:** 286, 1978
Paget's disease. radiological changes occurring in untreated patients and those on therapy with salmon calcitonin during two years' observation (ab), Woodhouse, N. J. Y.; Chalmers, A. H.; Wells, I. P.; Dewbury, K. C.; Mohamedally, S. M., **128:** 856, 1978
Osteoarthropathy
delayed onset of secondary hypertrophic osteoarthropathy, Perkins, Patrick J., (AJR), **130:** 561, 1978
hypertrophic osteoarthropathy in childhood malignancy, Ameri, Morad R.; Alebouyeh, Mardawig; Donner, Martin W., (AJR), **130:** 992, 1978
idiopathic hypertrophic osteoarthropathy without pachyderma, Bhate, Dharmashi V.; Pizarro, Antonio J.; Greenfield, George B., **129:** 379, 1978
Osteochondritis, deformans, juvenilis
arthrographic findings in Legg-Calve-Perthes disease and transient synovitis of the hip (ab), Gershuni, David H.; Axer, Anatol; Hendel, David, **129:** 568, 1978
Osteochondroma
unusual location of an osteochondroma, Bleshman, Michael H.; Levy, Robert M., **127:** 456, 1978
Osteochondrosis, dissecans
radiological and pathological manifestations of osteochondritis dissecans of the distal femur: study of 50 cases, Milgram, James W., **126:** 305, 1978
Osteodystrophy
See Bones, primary metabolic abnormalities
Osteolysis
occupational acro-osteolysis (ab), Gamma, Christovao; Meira, Joao B. B., **128:** 855, 1978
Osteoma
See Bone neoplasms
Osteomalacia
ratio of late to early radionuclide uptake: method for distinguishing osteoporosis from osteomalacia in animal models, Wilson, John S.; Genant, Harry K.; Hattner, Robert S.; Hoffer, Paul B., **126:** 185, 1978
unusual bone scan presentation in osteomalacia: symmetrical uptake–a suggestive sign (ab), Singh, Bhurji N.; Spies, Stewart M.; Mehta, Sharad P.; Kesala, B. Adrian; Quinn, III, James L., **129:** 862, 1978
Osteomyelitis
See Bones, infection
Osteopathia striata
See Bones, osteochondrodysplasias
Osteopetrosis
See Bones, osteochondrodysplasias
Osteophytosis
See Spine
Osteopoikilosis
See Bones, osteochondrodysplasias
Osteoporosis
geroderma osteodysplastica: report of two affected families (ab), Hunter, Alasdair G. W.; Martsolf, John T.; Baker, Charles G.; Reed, Martin H., **128:** 568, 1978
partial transient osteoporosis (ab), Lequesne, M.; Kerboull, M.; Bensasson, M.; Perez, C.; Dreiser, R.; Dorest, A., **126:** 837, 1978
ratio of late to early radionuclide uptake: method for distinguishing osteoporosis from osteomalacia in animal models, Wilson, John S.; Genant, Harry K.; Hattner, Robert S.; Hoffer, Paul B., **126:** 185, 1978
skeletal aches and pains, Resnick, Donald, (RCNA), **16:** 37, 1978
skeletal changes of copper deficiency in infants receiving prolonged total parenteral nutrition (ab), Heller, Richard M.; Kirchner, Sandra G.; O'Neill, Jr., James A.; Hough, Jr., A. J.; Howard, Lyn; Kramer, Sandra Sue; Green, Harry L., **129:** 854, 1978
Osteosarcoma
See also Bone neoplasms
primary osteosarcoma of the kidney (ab), Axelrod, Rita; Naidech, Howard J.; Myers, Jeffrey; Steinberg, Allen, **128:** 569, 1978
Osteosclerosis
See Bones, sclerosis
Otitis
malignant external otitis: further consideration (ab), Chandler, James H., **127:** 847, 1978
Otitis, media
problem mastoid cavity: medical and surgical management (ab), Kinney, Sam E., **128:** 562, 1978
Ovary, cysts
acute nontraumatic genitourinary problems in infants and children, Swischuk, Leonard E., (RCNA), **16:** 147, 1978
Ovary, neoplasms
acute nontraumatic genitourinary problems in infants and children, Swischuk, Leonard E., (RCNA), **16:** 147, 1978
echographic characteristics of fatty tissues and tumors, Behan, Michael; Kazam, Elias, **129:** 143, 1978
isodense masses on CT: differentiation by gray scale ultrasonography, Bryan, Patrick J.; Dinn, W. Martin, (AJR), **129:** 989, 1977
ovarian mass, bone metastases, and a breast lesion, Kagan, A. Robert; Steckel, Richard J., (AJR), **130:** 1163, 1978
radiographic findings in ovarian teratomas in children, Siegel, Marilyn J.; McAlister, William H.; Shackelford, Gary D., (AJR), **131:** 613, 1978
simplified bilateral selective catheterization of the uterine artery, Mohri, Makoto; Hiramatsu, Kyoichi, **129:** 239, 1978
ultrasonic appearance of the Krukenberg tumor, Rochester, David; Levin, Bernard; Bowie, James D.; Kunzmann, Axel, (AJR), **129:** 919, 1977

Oxygen
differential effects of pitressin on blood flow and oxygen extraction in canine vascular beds, Steckel, Richard J.; Kolin, Alexander; MacAlpin, Rex N.; Snow, Harold D.; Juillard, Guy F.; Tesler, Alan S.; Metzger, Judith, (AJR), **130:** 1025, 1978
effects of intravenous vasopressin on canine mesenteric arterial blood flow, bowel oxygen consumption, and cardiac output, Athanasoulis, Christos A.; Waltman, Arthur C.; Simmons, Julian Thayer; Sheehan, Barbara; Coggins, Cecil H., (AJR), **130:** 1033, 1978
multiple adjuvant therapy on a murine fibrosarcoma: actinomycin-D, x-irradiation and local tumor hyperthermia, Alfieri, A. A.; Hahn, E. W.; Kim, J. H.; Lehman, D., **129:** 225, 1978
non-invasive regional study of chronic cerebrovascular disorders using the oxygen-15 inhalation technique (ab), Lenzi, G. L.; Jones, T.; McKenzie, C. G.; Moss, S., **129:** 559, 1978
study of regional cerebral metabolism and blood flow relationships in man using the method of continuously inhaling oxygen-15 and oxygen-15 labelled carbon dioxide (ab), Lenzi, G. L.; Jones, T.; McKenzie, C. G.; Buckingham, P. D.; Clark, J. C.; Moss, S., **129:** 559, 1978
tumor cell respiration following irradiation, Clement, Jacob J.; Song, Chang W.; Sand, Theodore T., **126:** 507, 1978
tumor reoxygenation and postirradiation vascular changes, Clement, Jacob J.; Tanaka, Norimoto; Song, Chang W., **127:** 799, 1978

P

Pacemakers
See Heart, pacemakers
Paget disease
See Bones, inflammation; Osteitis deformans
Palsy
See Paralysis
Pancreas
See also Pancreatitis
computed tomographic scanning of the pancreas, Haaga, John R.; Alfidi, Ralph J., (RCNA), **15:** 367, 1977
computed tomography of the pancreas, Sheedy, II, Patrick F.; Stephens, David H.; Hattery, Robert R.; MacCarty, Robert L.; Williamson, Jr., Byrn, (RCNA), **15:** 349, 1977
computed tomography of the pancreas: negative contrast medium, Baldwin, G. Nicholas, **128:** 827, 1978
localization of the head of the pancreas using the junction of the left renal vein and the inferior vena cava (ab), Kuhns, Lawrence R.; Borlaza, Gil S.; Seigel, Robert; Cho, Kyung J., **129:** 563, 1978
normal pancreas as seen on the computerized tomogram (ab), Haertel, M.; Kreel, L., **129:** 277, 1978
Pancreas, abscess
computed tomography in surgical pancreatic emergencies (ab), Pistolesi, G. F.; Marzoli, G. P.; Quarta Colosso, P.; Pederzoli, P.; Procacci, C., **129:** 563, 1978
Pancreas, angiography
rapid diagnosis of pancreatic carcinoma: algorithmic approach, Freeny, Patrick C.; Ball, Terrence J., **127:** 627, 1978
value of diagnostic aids in detecting pancreas carcinoma (ab), Fitzgerald, Patrick J.; Fortner, Joseph G.; Watson, Robin C.; Schwartz, Morton K.; Sherlock, Paul; Benua, Richard S.; Cubilla, Antonio L.; Schottenfeld, David; Miller, Daniel; Winawer, Sidney J., **128:** 567, 1978
Pancreas, ascites
chronic pancreatic ascites and pancreatic pleural effusions (ab), Cameron, John L., **128:** 275, 1978
Pancreas, biopsy
fine needle aspiration biopsy of malignant lesions in and around the pancreas (ab), McLoughlin, M. J.; Ho, C. S.; Langer, B.; McHattie, J.; Tao, L. C., **129:** 564, 1978
preoperative diagnosis of pancreatic carcinoma by percutaneous aspiration biopsy (ab), Goldman, Martin L.; Naib, Zuher M.; Galambos, John T.; Rude, III, Joe C.; Oen, Khee-Tiang; Bradley, III, Edward L.; Salam, Atef; Gonzalez, Antonio C., **127:** 851, 1978
rapid diagnosis of pancreatic carcinoma: algorithmic approach, Freeny, Patrick C.; Ball, Terrence J., **127:** 627, 1978
Pancreas, computed tomography
See Computed tomography, pancreas
Pancreas, cysts
atypical pancreatic pseudocysts (ab), Oleszczuk-Raszke, K.; Domanski, Z.; Niezabitowski, K., **129:** 277, 1978
complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, Levitt, Robert G.; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, RobertJ.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert, **126:** 149, 1978
CT scanning and ultrasound in the evaluation of pancreatic pseudocysts: preliminary comparison, Kressel, Herbert Y.; Margulis, Alexander R.; Gooding, Gretchen W.; Filly, Roy A.; Moss, Albert A.; Korobkin, Melvyn, **126:** 153, 1978
pancreatic pseudocysts communicating with the stomach: demonstration by endoscopic retrograde pancreatography (ab), Sugawa, Choichi; Walt, Alexander J.; Sankaran, Suryanarayanan; Bouwman, David; Weaver, Donald, **127:** 563, 1978
pancreatic pseudocysts: unusual ultrasound features, Conrad, Melvyn R.; Landay, Michael J.; Khoury, Michel, (AJR), **130:** 265, 1978
Pancreas, diseases
sensitivity of pancreatic ultrasonography in the detection of pancreatic disease, Lawson, Thomas L., **128:** 733, 1978
Pancreas, neoplasms
complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, Levitt, Robert G.; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, RobertJ.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert, **126:** 149, 1978
computerized tomography, diagnostic ultrasound, and radionuclide scanning: comparison of efficacy in diagnosis of pancreatic carcinoma (ab), Barkin, Jamie; Vining, Donald; Miale, Jr., August; Gottlieb, Stuart; Redhammer, Dorothy E.; Kalser, Martin H., **128:** 567, 1978
duodenal barium aggregates from carcinoma of the pancreas (ab), Wigh, Russell E.; McDowell, L. Jane, **127:** 564, 1978
endocrine tumors of the pancreas (ab), Huguet, J. F.; Clement, J. P.; Jean, P.; Clerissi, J.; Burelle, H., **129:** 563, 1978
endoscopic retrograde pancreatography: analysis of the normal pancreatogram, and changes which are associated with chronic pancreatitis and pancreatic cancer (ab), Roberts-Thomson, Ian C., **128:** 854, 1978
evaluation of endoscopic retrograde cholangiopancreatography and angiography in the diagnosis of pancreatic carcinoma, Freeny, Patrick C.; Ball, Terrence J., (AJR), **130:** 683, 1978
false-positive diagnoses of pancreatic tail lesions caused by colon (ab), Berger, Marc; Smith, Edward H.; Bartrum, Jr., Royal J.; Holm, Hans Henrick; Mascatello, Vincent, **127:** 857, 1978
fine needle aspiration biopsy of malignant lesions in and around the pancreas (ab), McLoughlin, M. J.; Ho, C. S.; Langer, B.; McHattie, J.; Tao, L. C., **129:** 564, 1978
interpretation of the radionuclide subtraction scan in pancreatic carcinoma (ab), Andrews, J. T.; Kidd, G.; Steven, L. W.; McKay, W. J.; Lichtenstein, N., **127:** 287, 1978
localization of glucagonomas by catheterization of the pancreatic veins and glucagon assay (ab), Ingemansson, Stig; Holst, Jens; Larsson, Lars-Inge; Lunderquist, Anders, **128:** 567, 1978
non-functioning islet cell tumors of the pancreas. review of radiological literature and a report on two cases (ab), Adler, O.; Kaftori, J. K.; Rosenberger, A.; Ben Arieh, J., **128:** 274, 1978
nonfunctioning islet cell tumors of the pancreas: radiographic and ultrasonographic appearances in two cases, Gold, Jerome; Rosenfield, Arthur T.; Sostman, Dirk; Burrell, Morton; Taylor, Kenneth J. W., (AJR), **131:** 715, 1978
osteoblastic bone metastases secondary to adenocarcinoma of the pancreas (ab), Joffe, Norman; Antonioli, Donald A., **129:** 572, 1978
pancreatic carcinoma: survival following detection by ultrasonic scanning (ab), McCormack, Lawrence R.; Seat, Stanley G.; Strum, Williamson B., **126:** 557, 1978
pancreatic cystadenocarcinoma: CT body scan and gray scale ultrasound appearance, Carroll, Barbara; Sample, W. Frederick, (AJR), **131:** 339, 1978
pancreatic duct obstruction: new observation during fine needle percutaneous transhepatic cholangiography, Freeny, Patrick C.; Rosoff, Jr., Leonard, (AJR), **131:** 521, 1978
preoperative diagnosis of pancreatic carcinoma by percutaneous aspiration biopsy (ab), Goldman, Martin L.; Naib, Zuher M.; Galambos, John T.; Rude, III, Joe C.; Oen, Khee-Tiang; Bradley, III, Edward L.; Salam, Atef; Gonzalez, Antonio C., **127:** 851, 1978
prone view ultrasonography for pancreatic tail neoplasms, Goldstein, Harvey M.; Katragadda, Chandra S., (AJR), **131:** 231, 1978
proximal versus peripheral hepatic artery embolization: experimental study in monkeys, Doppman, John L.; Girton, Mary; Kahn, E. Ronald, **128:** 577, 1978
rapid diagnosis of pancreatic carcinoma: algorithmic approach, Freeny, Patrick C.; Ball, Terrence J., **127:** 627, 1978
sensitivity of pancreatic ultrasonography in the detection of pancreatic disease, Lawson, Thomas L., **128:** 733, 1978
small-bowel malabsorption and gastrointestinal malignancy, Collins, Stephen M.; Hamilton, John D.; Lewis, Terence D.; Laufer, Igor, **126:** 603, 1978
value of diagnostic aids in detecting pancreas carcinoma (ab), Fitzgerald, Patrick J.; Fortner, Joseph G.; Watson, Robin C.; Schwartz, Morton K.; Sherlock, Paul; Benua, Richard S.; Cubilla, Antonio L.; Schottenfeld, David; Miller, Daniel; Winawer, Sidney J., **128:** 567, 1978
Pancreas, radiography
angiography of pancreatic arteriovenous malformation, Chuang, Vincent P.; Pulmano, Calixto M.; Walter, Joseph F.; Cho, Kyung J., (AJR), **129:** 1015, 1977
efficiency and limits of radiologic examination of the pancreas (bk rev), Anacker, Hermann, ed., Reviewed by Ruzicka, Jr., Francis F., **128:** 44, 1978
endoscopic retrograde pancreatography: analysis of the normal pancreatogram, and changes which are associated with chronic pancreatitis and pancreatic cancer (ab), Roberts-Thomson, Ian C., **128:** 854, 1978
pancreatic duct hemorrhage: diagnosis by angiography (ab), Corbeau, A.; Sahel, J.; Fraissinet, R.; Courjaret, P.; Burelle, H.; Clement, J. P., **129:** 564, 1978
pancreatic pseudocysts communicating with the stomach: demonstration by endoscopic retrograde pancreatography (ab), Sugawa, Choichi; Walt, Alexander J.; Sankaran, Suryanarayanan; Bouwman, David; Weaver, Donald, **127:** 563, 1978
Pancreas, radionuclide studies
computerized tomography, diagnostic ultrasound, and radionuclide scanning: comparison of efficacy in diagnosis of pancreatic carcinoma (ab), Barkin, Jamie; Vining, Donald; Miale, Jr., August; Gottlieb, Stuart; Redhammer, Dorothy E.; Kalser, Martin H., **128:** 567, 1978
interpretation of the radionuclide subtraction scan in pancreatic carcinoma (ab), Andrews, J. T.; Kidd, G.; Steven, L. W.; McKay, W. J.; Lichtenstein, N., **127:** 287, 1978
Pancreas, ultrasound studies
clinical evaluation of pulse-Doppler device linked to gray scale B-scan equipment, Taylor, Kenneth J. W.; Atkinson, Peter; de Graaff, Casper S.; Dembner, Alan G.; Rosenfield, Arthur T., **129:** 745, 1978
comparison of ultrasound pancreatic scanning and endoscopic retrograde cholangiopancreatograms: retrospective study (ab), Feinberg, Samuel B.; Schreiber, Donald R.; Goodale, Robert, **126:** 284, 1978
complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, Levitt, Robert G.; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, RobertJ.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert, **126:** 149, 1978
computerized tomography, diagnostic ultrasound, and radionuclide scanning: comparison of efficacy in diagnosis of pancreatic carcinoma (ab), Barkin, Jamie; Vining, Donald; Miale, Jr., August; Gottlieb, Stuart; Redhammer, Dorothy E.; Kalser, Martin H., **128:** 567, 1978
CT scanning and ultrasound in the evaluation of pancreatic pseudocysts: preliminary comparison, Kressel, Herbert Y.; Margulis, Alexander R.; Gooding, Gretchen W.; Filly, Roy A.; Moss, Albert A.; Korobkin, Melvyn, **126:** 153, 1978

dilated pancreatic duct: ultrasonic evaluation, Gosink, Barbara B.; Leopold, George R., **126:** 475, 1978
false-positive diagnoses of pancreatic tail lesions caused by colon (ab), Berger, Marc; Smith, Edward H.; Bartrum, Jr., Royal J.; Holm, Hans Henrick; Mascatello, Vincent, **127:** 857, 1978
gray-scale echography of the pancreas: re-evaluation of normal size, de Graaff, Casper S.; Taylor, Kenneth J. W.; Simonds, Bruce D.; Rosenfield, Arthur J., **129:** 157, 1978
gray scale sonographic anatomy of the pancreas (ab), Ghorashi, Bijan; Rector, William R., **126:** 844, 1978
nonfunctioning islet cell tumors of the pancreas: radiographic and ultrasonographic appearances in two cases, Gold, Jerome; Rosenfield, Arthur T.; Sostman, Dirk; Burrell, Morton; Taylor, Kenneth J. W., (AJR), **131:** 715, 1978
pancreatic carcinoma: survival following detection by ultrasonic scanning (ab), McCormack, Lawrence R.; Seat, Stanley G.; Strum, Williamson B., **126:** 557, 1978
pancreatic cystadenocarcinoma: CT body scan and gray scale ultrasound appearance, Carroll, Barbara; Sample, W. Frederick, (AJR), **131:** 339, 1978
pancreatic pseudocysts: unusual ultrasound features, Conrad, Melvyn R.; Landay, Michael J.; Khoury, Michel, (AJR), **130:** 265, 1978
prone view ultrasonography for pancreatic tail neoplasms, Goldstein, Harvey M.; Katragadda, Chandra S., (AJR), **131:** 231, 1978
sensitivity of pancreatic ultrasonography in the detection of pancreatic disease, Lawson, Thomas L., **128:** 733, 1978
ultrasonic and computed tomographic appearance of splenic lobulations: consideration in the ultrasonic differential of masses adjacent to the left kidney, Gooding, Gretchen A. W., **126:** 719, 1978
value of diagnostic aids in detecting pancreas carcinoma (ab), Fitzgerald, Patrick J.; Fortner, Joseph G.; Watson, Robin C.; Schwartz, Morton K.; Sherlock, Paul; Benua, Richard S.; Cubilla, Antonio L.; Schottenfeld, David; Miller, Daniel; Winawer, Sidney J., **128:** 567, 1978

Pancreatic ducts
dilated pancreatic duct: ultrasonic evaluation, Gosink, Barbara B.; Leopold, George R., **126:** 475, 1978
pancreatic duct hemorrhage: diagnosis by angiography (ab), Corbeau, A.; Sahel, J.; Fraissinet, R.; Courjaret, P.; Burelle, H.; Clement, J. P., **129:** 564, 1978

Pancreatitis
cholecystokinetic cholecystography: efficacy and tolerance studies of ceruletide, Sargent, E. Nicholas; Boswell, William; Hubsher, Jerome, (AJR), **130:** 1051, 1978
colonic necrosis complicating pancreatitis (ab), Dallemand, Serge; Farman, Jack; Stein, David; Waxman, Marian; Mitchell, Winston, **126:** 551, 1978
complementary use of ultrasound and computed tomography in studies of the pancreas and kidney, Levitt, Robert G.; Geisse, Guillermo G.; Sagel, Stuart S.; Stanley, RobertJ.; Evens, Ronald G.; Koehler, Robert E.; Jost, R. Gilbert, **126:** 149, 1978
computed tomography in surgical pancreatic emergencies (ab), Pistolesi, G. F.; Marzoli, G. P.; Quarta Colosso, P.; Pederzoli, P.; Procacci, C., **129:** 563, 1978
diagnostic errors of retrograde cholangiopancreatography: experiences with a prospective study of 197 examinations (ab), Faust, H.; Bernoulli, R.; Stadler, G.; Gyr, N., **129:** 277, 1978
endoscopic retrograde pancreatography: analysis of the normal pancreatogram, and changes which are associated with chronic pancreatitis and pancreatic cancer (ab), Roberts-Thomson, Ian C., **128:** 854, 1978
hemosuccus pancreaticus (hemoductal pancreatitis): gastrointestinal hemorrhage due to rupture of a splenic artery aneurysm into the pancreatic duct (ab), Bivins, Brack A.; Sachatello, Charles R.; Chuang, Vincent P.; Brady, Patrick, **129:** 276, 1978
malrotation with gastric volvulus, midgut volvulus, and pancreatitis (ab), Dine, Mark S.; Martin, Lester W., **128:** 275, 1978
pancreatic duct hemorrhage: diagnosis by angiography (ab), Corbeau, A.; Sahel, J.; Fraissinet, R.; Courjaret, P.; Burelle, H.; Clement, J. P., **129:** 564, 1978
pancreatitis of childhood (ab), Buntain, William L.; Wood, James B.; Woolley, Morton M., **128:** 855, 1978
radiologic evaluation of acute abdominal pain arising from the alimentary tract, Kelvin, Frederick M.; Rice, Reed P., (RCNA), **16:** 25, 1978

Papilloma
giant papilloma of the thoracic esophagus, Walker, John H., (AJR), **131:** 519, 1978

Paralysis
abducens nerve palsy as initial symptom of trigeminal schwannoma (ab), Yamashita, Junkoh; Asato, Renin; Handa, Hajime; Nakao, Satoshi; Ogata, Masahiro, **129:** 273, 1978
hyperalimentation catheter passing into the spinal canal causing temporary paraplegia (ab), McAlister, W. H.; Keating, J. P.; Shackelford, G. D., **129:** 855, 1978
spastic quadriparesis due to C_1-C_2 subluxation in Hurler syndrome (ab), Brill, Charles B.; Rose, Judith S.; Godmilow, Lynn; Sklower, Susan; Hirschhorn, Kurt, **129:** 565, 1978
superior marginal rib defects in traumatic quadriplegia, Woodlief, Ray M., **126:** 673, 1978
surgical relief of progressive upper limb paralysis in Arnold-Chiari malformation (ab), Gol, Alexander; Hellbusch, Leslie C., **129:** 568, 1978

Paraquat
See Poisons and poisoning

Parathyroid, hyperparathyroidism
giant hyperplastic parathyroid gland in the mediastinum—partially cystic and calcified, Seltzer, Steven E.; Balikian, Jirayr P.; Birnholz, Jason C.; Hargreaves, Hilary; Cartier, Pierre; Herman, Peter G., **127:** 43, 1978
gray-scale echographic visualization of a parathyroid adenoma, Crocker, Ernest Frank; Bautovich, George Joseph; Jellins, Jack, **126:** 233, 1978
hyperparathyroidism in persons treated with x-rays for tuberculous cervical adenitis (ab), Tisell, Lars-Eric; Hansson, Goran; Lindberg, Sture; Ragnhult, Inger, **126:** 560, 1978
intravertebral disk herniations: cartilaginous (Schmorl's) nodes, Resnick, Donald; Niwayama, Gen, **126:** 57, 1978
parathyroid ultrasonography, Sample, William Frederick; Mitchell, Steven Pearce; Bledsoe, Raleigh Cornelius, **127:** 485, 1978
small vessel calcification and its relationship to secondary hyperparathyroidism in the renal homotransplant patient, Peterson, Rebecca, **126:** 627, 1978
technetium-99m-pyrosphosphate bone scans in hyperparathyroidism (ab), Wiegmann, T.; Rosenthall, L.; Kay, M., **127:** 286, 1978

Parathyroid, neoplasms
angiographic localization of parathyroid adenomas (ab), Fagerberg, G., **129:** 845, 1978
gray-scale echographic visualization of a parathyroid adenoma, Crocker, Ernest Frank; Bautovich, George Joseph; Jellins, Jack, **126:** 233, 1978
parathyroid ultrasonography, Sample, William Frederick; Mitchell, Steven Pearce; Bledsoe, Raleigh Cornelius, **127:** 485, 1978

Parathyroid, ultrasound studies
giant hyperplastic parathyroid gland in the mediastinum—partially cystic and calcified, Seltzer, Steven E.; Balikian, Jirayr P.; Birnholz, Jason C.; Hargreaves, Hilary; Cartier, Pierre; Herman, Peter G., **127:** 43, 1978
gray-scale echographic visualization of a parathyroid adenoma, Crocker, Ernest Frank; Bautovich, George Joseph; Jellins, Jack, **126:** 233, 1978
parathyroid ultrasonography, Sample, William Frederick; Mitchell, Steven Pearce; Bledsoe, Raleigh Cornelius, **127:** 485, 1978

Parotid gland, neoplasms
oxyphilic adenoma of the parotid gland: identification with ^{99m}Tc-pertechnetate, Lunia, Shantilal; Chodos, Robert B.; Lunia, Chandrakanta; Chandramouly, Belur S., **128:** 690, 1978

Parotid gland, radionuclide studies
oxyphilic adenoma of the parotid gland: identification with ^{99m}Tc-pertechnetate, Lunia, Shantilal; Chodos, Robert B.; Lunia, Chandrakanta; Chandramouly, Belur S., **128:** 690, 1978

Patella
See Knee

Pediatric radiology
See also Children; Infants; Infants, newborn; Infants, premature; under diseases organs and regions, and under procedures
diagnostic radiology in paediatrics (bk rev), Gordon, I. R. S.; Ross, F. G. M., Reviewed by Kuhns, Lawrence R.; Holt, John F.; Hernandez, Ramiro J., **127:** 750, 1978
pediatric echocardiography (bk rev), Meyer, Richard A.; Korfhagen, Joan, Reviewed by King, Donald L., **126:** 462, 1978
practical approaches to pediatric radiology (bk rev), Poznanski, Andrew K., Reviewed by Girdany, Bertram R., **126:** 742, 1978

Pedicles
See Spine

PEEP (positive end expiratory pressure)
systemic air embolism secondary to respiratory therapy in the neonate: six cases including one survivor, Kogutt, Marvin S., (AJR), **131:** 425, 1978

Peliosis
reversible peliosis of the liver in a child (ab), Odievre, M.; Chaumont, P.; Gautier, M.; Vermes, J.-M., **127:** 279, 1978

Pelvic angiography
biplane arteriography in ischemia of the lower extremity, Crummy, Andrew B.; Rankin, Ronald S.; Turnipseed, William D.; Berkoff, Herbert A., **126:** 111, 1978

Pelvis
See also under names of pelvic bones and organs, as Ovary
pelvic osteomyelitis in children (ab), Edwards, Morven S.; Baker, Carol J.; Granberry, W. Malcolm; Barrett, Fred F., **128:** 278, 1978

Pelvis, calcification
opaque artifacts in a health food faddist simulating ovarian neoplasm, Schabel, Stephen I.; Rogers, Charles I., (AJR), **130:** 789, 1978

Pelvis, diseases
pitfalls in the radiographic diagnosis of Paget's disease of the pelvis (ab), Burgener, Francis A.; Perry, Patricia E., **129:** 280, 1978

Pelvis, fracture
fractures and dislocations of bony pelvis and hip, Thaggard, III, Alvin; Harle, Thomas S.; Carlson, Victor, (SR), **13:** 117, 1978

Pelvis, injuries
injury to the male posterior urethra in fractured pelvis: new classification (ab), Colapinto, V.; McCallum, R. W., **126:** 838, 1978
post-traumatic abnormalities of the pubic bone simulating malignancy, Goergen, Thomas G.; Resnick, Donald; Riley, Richard R., **126:** 85, 1978

Pelvis, neoplasms
accuracy of CT in detecting intraabdominal and pelvic lymph node metastases from pelvic cancers, Lee, Joseph K. T.; Stanley, Robert J.; Sagel, Stuart S.; McClennan, Bruce L., (AJR), **131:** 675, 1978
chronic sciatic pain in a young woman with sclerosis of the iliac bone, Kagan, A. Robert; Steckel, Richard J., (AJR), **129:** 1087, 1977
CT-assisted pelvic and abdominal aspiration biopsies in gynecological malignancy, Jacques, Paul F.; Staab, E.; Richey, W.; Photopulos, G.; Swanton, M., **128:** 651, 1978
differential diagnosis of pelvic masses by gray scale sonography, Fleischer, Arthur C.; James, Jr., A. Everette; Millis, James B.; Julian, Conrad, (AJR), **131:** 469, 1978
omental band: new sign of metastasis (ab), Stein, Mark A., **128:** 283, 1978
pelvic lipomatosis: 5-year followup (ab), Crane, David B.; Smith, M. J. V., **126:** 838, 1978
radiologic soft tissue shadows in the pelvis: another look, Kalman, Matthew A., (AJR), **130:** 493, 1978
ultrasonography in tumors arising from the spine and bony pelvis, de Santos, Luis Alonso; Goldstein, Harvey M., (AJR), **129:** 1061, 1977
ultrasound of gynecologic pelvic masses: indefinite uterus and other patterns associated with diagnostic error (ab), Bowie, James D., **127:** 857, 1978

Pelvis, radiography
pneumopelvigraphy in childhood, Lester, Patrick D.; McAlister, William H., (AJR), **131:** 607, 1978
radiologic soft tissue shadows in the pelvis: another look, Kalman, Matthew A., (AJR), **130:** 493, 1978

Pelvis, ultrasound studies
B scan detection of pelvic masses: accuracy compared to the barium enema intravenous pyelogram (ab), Hogan, Michael; Srichomkuan, Aree, **129:** 573, 1978
differential diagnosis of pelvic masses by gray scale sonography, Fleischer, Arthur C.; James, Jr., A. Everette; Millis, James B.; Julian, Conrad, (AJR), **131:** 469, 1978
grey scale ultrasonography in the diagnosis of ectopic pregnancy, Makiad, Nabil F.; Wright, Carl H., **126:** 221, 1978
pelvic ultrasonography in pediatric and adolescent endocrine disorders (ab), Lippe, Barbara M.; Sample, W. Frederick, **129:** 861, 1978

sonographic demonstration of intrauterine contraceptive devices (ab), Watt, I.; Watt, E.; Halliwell, M.; Ross, F. G. M., **128:** 284, 1978
spectrum of ultrasonic findings in endometriosis, Sandler, Michael A.; Karo, James J., **127:** 229, 1978
ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, Filly, Roy A.; Callen, Peter W., (RCNA), **16:** 159, 1978
ultrasonography in tumors arising from the spine and bony pelvis, de Santos, Luis Alonso; Goldstein, Harvey M., (AJR), **129:** 1061, 1977
water enema: new ultrasound technique in defining pelvic anatomy (ab), Rubin, Carl; Kurtz, Alfred B.; Goldberg, Barry B., **129:** 861, 1978

Pentagastrin
pentagastrin stimulation of technetium-99m uptake by ectopic gastric muscosa in a Meckel's diverticulum, Treves, Salvador; Grand, Richard J.; Eraklis, Angelo J., **128:** 711, 1978

Peptic ulcer
endoscopic and radiological assessment of recurrent ulceration after peptic ulcer surgery (ab), Salter, R. H.; Girdwood, T. G.; Scott-Harden, W. G.; Cole, T. P., **129:** 278, 1978
gastric ulceration in patients receiving intrahepatic infusion of 5-fluorouracil (ab), Narsete, Thomas; Ansfield, Fred; Wirtanen, George; Ramirez, Guillermo; Wolfberg, William; Jarrett, Fredric, **128:** 276, 1978
giant duodenal ulcers (ab), Eisenberg, R. L.; Margulis, A. R.; Moss, A. A., **128:** 854, 1978
peptic ulcer in uremic children (ab), Moorthy, A. Vishnu; Chesney, Russell W., **129:** 565, 1978
radiographic diagnosis of shallow gastric ulcers: comparative study of technique, Amaral, Ney M., **129:** 597, 1978
selective intubation of the afferent loop, Ho, C. S.; Lipinski, J. K., (AJR), **130:** 481, 1978

Peptic ulcer, complications and sequelae
natural history of the double pylorus, Hegedus, Viktor; Poulsen, Poul Ejby; Reichardt, Jens, **126:** 29, 1978

Peptic ulcer, diagnosis
profile roentgenographic features of benign greater curvature ulcers, Zboralske, F. Frank; Stargardter, Frederick L.; Harell, George S., **127:** 63, 1978

Perchlorate
rectal perchlorate for unconscious patients prior to brain scintigraphy with pertechnetate: concise communication (ab), Turner, David A.; Ali, Amjad A.; Ochart, Magdalene G.; Sukerkar, Arun M.; Fordham, Ernest W.; Rayudu, Garimella V. S., **127:** 286, 1978

Pericarditis
See Pericardium, inflammation

Pericardium
primary chylopericardium: role of lymphangiography, Gallant, Thomas E.; Hunziker, Robert J.; Gibson, Thomas C., (AJR), **129:** 1043, 1977

Pericardium, calcification
echocardiographic diagnosis of partial pericardial constriction of the left ventricle, D'Cruz, Ivan A.; Levinsky, Richard; Anagnostopoulos, Constantine; Cohen, Howard C., **127:** 755, 1978

Pericardium, cysts
CT diagnosis of pericardial cysts, Pugatch, Robert D.; Braver, John H.; Robbins, Alan H.; Faling, L. Jack, (AJR), **131:** 515, 1978

Pericardium, fluid
B-scan and real-time ultrasound in the antepartum diagnosis of conjoined twins and pericardial effusion, Morgan, Carlisle L.; Trought, William S.; Sheldon, Gary; Barton, Thomas K., (AJR), **130:** 578, 1978
clinically silent pericardial effusions in patients on long-term hemodialysis: pericardial effusions in hemodialysis (ab), Goldstein, David H.; Nagar, Chander; Srivastava, Narain; Schacht, Richard A.; Ferris, Fred Z.; Flowers, Nancy C., **127:** 563, 1978
pericardial angiosarcoma simulating pericardial effusion by echocardiography (ab), Lin, Tung K.; Stech, Joseph M.; Eckert, William G.; Lin, Joe J.; Farha, Suhaul J.; Hagan, Condon T., **129:** 283, 1978
pericardial effusion diagnosed by echocardiography: clinical and electrocardiographic findings in 171 patients (ab), Berger, Marvin; Bobak, Leopold; Jelveh, Mansoor; Goldberg, Emanuel, **129:** 860, 1978
pericardial effusion: evidence from demonstration of epicardial fat tissue (ab), Botsch, H., **126:** 550, 1978
pericardial tumor or fibrosis mimicking pericardial effusion by echocardiography (ab), Millman, Arthur; Meller, Jose; Motro, Michael; Blank, Howard S.; Horowitz, Isidore; Herman, Michael V.; Teichholz, Louis E., **126:** 283, 1978

Pericardium, inflammation
acute pericarditis associated with hepatitis B infection (ab), Adler, Robert; Takahashi, Masato; Wright, Jr., Harry T., **129:** 853, 1978
angiocardiographic differentiation of constrictive pericarditis and restrictive cardiomyopathy due to amyloidosis, Chang, Luke W. M.; Grollman, Jr., Julius H., (AJR), **130:** 451, 1978
echocardiographic diagnosis of partial pericardial constriction of the left ventricle, D'Cruz, Ivan A.; Levinsky, Richard; Anagnostopoulos, Constantine; Cohen, Howard C., **127:** 755, 1978
echocardiographic features of the interventricular septum in chronic constrictive pericarditis (ab), Candell-Riera, J.; Garcia del Castillo, H.; Permanyer-Miralda, G.; Soler-Soler, J., **129:** 284, 1978
^{99m}Tc-pyrophosphate imaging in acute pericarditis: clinical and experimental study, Fleg, Jerome L.; Siegel, Barry A.; Williamson, Joseph R.; Roberts, Robert, **126:** 727, 1978

Pericardium, neoplasms
pericardial angiosarcoma simulating pericardial effusion by echocardiography (ab), Lin, Tung K.; Stech, Joseph M.; Eckert, William G.; Lin, Joe J.; Farha, Suhaul J.; Hagan, Condon T., **129:** 283, 1978
pericardial tumor or fibrosis mimicking pericardial effusion by echocardiography (ab), Millman, Arthur; Meller, Jose; Motro, Michael; Blank, Howard S.; Horowitz, Isidore; Herman, Michael V.; Teichholz, Louis E., **126:** 283, 1978

Pericardium, stenosis
angiocardiographic differentiation of constrictive pericarditis and restrictive cardiomyopathy due to amyloidosis, Chang, Luke W. M.; Grollman, Jr., Julius H., (AJR), **130:** 451, 1978

Pericardium, ultrasound studies
pericardial angiosarcoma simulating pericardial effusion by echocardiography (ab), Lin, Tung K.; Stech, Joseph M.; Eckert, William G.; Lin, Joe J.; Farha, Suhaul J.; Hagan, Condon T., **129:** 283, 1978
pericardial effusion diagnosed by echocardiography: clinical and electrocardiographic findings in 171 patients (ab), Berger, Marvin; Bobak, Leopold; Jelveh, Mansoor; Goldberg, Emanuel, **129:** 860, 1978
pericardial tumor or fibrosis mimicking pericardial effusion by echocardiography (ab), Millman, Arthur; Meller, Jose; Motro, Michael; Blank, Howard S.; Horowitz, Isidore; Herman, Michael V.; Teichholz, Louis E., **126:** 283, 1978
role of serial echocardiography in the evaluation and differential diagnosis of pericardial disease (ab), Allen, John W.; Harrison, Earl C.; Camp, John C.; Borsari, Allan; Turnier, Edgard; Lau, Francis Y. K., **128:** 571, 1978

Periosteum
idiopathic periosteal hyperostosis with dysproteinemia (ab), Kosche, F., **127:** 568, 1978

Peritoneography
peritoneographic demonstration of femoral hernia, Oh, Kook Sang; Condon, Virgil R.; Dorst, John P.; Grajo, Galterius, **127:** 209, 1978

Peritoneum, cysts
inflammatory cysts of the pelvic peritoneum, Lees, Richard F.; Feldman, Philip S.; Brenbridge, A. Norman A. G.; Anderson, Willie A.; Buschi, Anthony J., (AJR), **131:** 633, 1978

Peritoneum, infection
sonography and conventional roentgen diagnosis of postoperative local infections of the upper peritoneal cavity (ab), Vogel, H.; Scherer, K.; Eckert, P.; Vogel-Karl, B., **127:** 569, 1978

Peritoneum, neoplasms
peritoneal mesothelioma, Banner, Marc P.; Gohel, Vijay K., **129:** 637, 1978

Peritoneum, perforation
perforation of the peritoneum and intra-abdominal hemorrhage: complication of umbilical vein catheterizations (ab), Kanto, Jr., William P.; Parrish, Jr., Robert A., **128:** 274, 1978

Peritoneum, tuberculosis
spectrum of tuberculous peritonitis (ab), Karney, Walter W.; O'Donoghue, J. Morgan; Ostrow, Jonathan H.; Holmes, King K.; Beaty, Harry N., **126:** 549, 1978

Peritoneum, ultrasound studies
sonography and conventional roentgen diagnosis of postoperative local infections of the upper peritoneal cavity (ab), Vogel, H.; Scherer, K.; Eckert, P.; Vogel-Karl, B., **127:** 569, 1978

Perthes-Calve-Legg disease
See Osteochondritis, deformans, juvenilis

Petrous bone
See Temporal bone

PETT IV
See Emission computed tomography

Pharmaceuticals
See radionuclides

Pharynx
congenital cricopharyngeal achalasia (ab), Reichert, Timothy J.; Bluestone, Charles D.; Stool, Sylvan E.; Sieber, William K.; Sieber, Anne M., **127:** 848, 1978
glossopharyngeal neuralgia (ab), Laha, Ranjit K.; Jannetta, Peter J., **128:** 271, 1978
pharyngoesophageal manifestations of epidermolysis bullosa (ab), Kabakian, H. A.; Dahmash, N. S., **129:** 563, 1978

Pharynx, abscess
empyema as a complication of retropharyngeal and neck abscesses in children, Ramilo, Jose; Harris, Vivian J.; White, Harvey, **126:** 743, 1978

Pharynx, diverticula
diverticulum hypopharyngis lateralis with a record of one case (ab), Iverson, Palle Birger, **128:** 270, 1978

Pharynx, injuries
hypopharyngeal injury as a result of attempted endotracheal intubation, Hirsch, Menachem; Abramowitz, Harry B.; Shapira, Shlomo; Barki, Yehiel, **128:** 37, 1978

Pharynx, neoplasms
benign, non-neoplastic conditions of the larynx and pharynx, Bachman, Arnold L., (RCNA), **16:** 273, 1978
complications of high dose preoperative irradiation for advanced laryngeal-hypopharyngeal cancer, Chung, Chung T.; Sagerman, Robert H.; King, Gerald A.; Yu, Woon Sang; Johnson, Jonas T.; Cummings, Charles W., **128:** 467, 1978
local control of squamous carcinoma of oral cavity and oropharynx with 3 vs 5 treatment fractions per week (ab), Byhardt, Roger W.; Greenberg, Maurice; Cox, James D., **126:** 845, 1978
malignant tumours of the oropharynx (ab), Andersen, A. P.; Bertelsen, K.; Elbrond, O.; Gadeberg, C.; Lund, C., **127:** 861, 1978

Pharynx, therapeutic radiology
complications of high dose preoperative irradiation for advanced laryngeal-hypopharyngeal cancer, Chung, Chung T.; Sagerman, Robert H.; King, Gerald A.; Yu, Woon Sang; Johnson, Jonas T.; Cummings, Charles W., **128:** 467, 1978
sixth interim progress report of the British Institute of Radiology fractionation study of 3F-week versus 5F-week in radiotherapy of the laryngo-pharynx (ab), Wiernik, G.; Bleehen, N. M.; Brindle, J.; Bullimore, J.; Churchill-Davidson, I. F. J.; Davidson, J.; Fowler, J. F.; Francis, P., **129:** 286, 1978
sixth interim progress report of the British Institute of Radiology fractionation study of 3F-week versus 5F-week in radiotherapy of the laryngo-pharynx (ab), Hadden, R. C. M.; Haybittle, J. L.; Howard, N.; Lansley, I. F.; Lindup, R.; Phillips, D. L.; Skeggs, D., **129:** 286, 1978

Pheochromocytoma
angiographic demonstration of a vasoactive intestinal polypeptide-secreting pheochromocytoma in a patient with WDHA syndrome, Pais, S. Osher, (AJR), **130:** 172, 1978
angiography in pheochromocytoma of the urinary bladder: report of a case (ab), Hietala, S.-O.; Texter, Jr., J. H.; Crane, D. B., **126:** 837, 1978
angiography of multiple asynchronously manifest pheochromocytomas: APUD concept, Sundaram, Murali; Srivisal, Somnuk; De Mello, Daphne; Danis, Richard K., (AJR), **130:** 1168, 1978
evidence of multicentric origin of the multiple endocrine neoplasia syndrome type 2a (Sipple's syndrome) in a large family in the Netherlands; diagnostic and therapeutic implications (ab), Lips, C. J. M.; Minder, W. H.; Leo, J. R.; Alleman, A.; Hackeng, W. H. L., **128:** 858, 1978

pheochromocytoma and ipsilateral renal carcinoma diagnosed by angiography, Nance, Jr., E. Paul; Ekelund, Leif; Goncharenko, Victor; Rogers, Lowell, (AJR), **130:** 553, 1978
pheochromocytoma associated with neurofibromatosis (ab), Rosenbusch, G.; v.'t Laar, A.; Lubbers, E. J. C., **128:** 858, 1978
phlebographic diagnosis of pheochromocytoma (ab), Georgi, M.; Cordes, U.; Gunther, R.; Philipp, T.; Lenner, V., **129:** 857, 1978

Phlebitis
angiographic demonstration of lupus cerebral phlebitis with communicating hydrocephalus (ab), Kitching, G. B.; Thompson, J. R.; Hasso, A. N.; Hirst, A. E., **128:** 560, 1978

Phlebography
See Venography; under names of individual organs and procedures

Photons
improved technique for obtaining teletherapy portal radiographs with high-energy photons, Galkin, Benjamin M.; Wu, Raymond K.; Suntharalingam, Nagalingam, **127:** 828, 1978

Pineal gland, neoplasms
characteristics of calcification in tumors of the pineal gland, Lin, Shu-Ren; Crane, Michael D.; Lin, Zwu-Shin; Bilaniuk, Larissa; Plassche, Jr., Walter M.; Marshall, Larry; Spataro, Robert F., **126:** 721, 1978
midline pineal tumors and suprasellar germinomas: highly curable by irradiation, Sung, Duk Il; Harisiadis, Leon; Chang, Chu H., **128:** 745, 1978
pineocytomas presenting as subarachnoid hemorrhage: report of two cases (ab), Steinbok, Paul; Dolman, Clarisse L.; Kaan, Ken, **128:** 267, 1978

Pinealoma
See Pineal gland, neoplasms

Pineocytoma
See Pineal gland, neoplasms

Pions
See Mesons

Pitressin
See Vasopressin

Pituitary gland
pituitary apoplexy producing internal carotid artery occlusion: case report (ab), Rosenbaum, Thomas J.; Houser, O. Wayne; Laws, Edward R., **128:** 270, 1978

Pituitary gland, abnormalities
incidence of growth lines in psychosocial dwarfs and idiopathic hypopituitarism, Hernandez, Ramiro J.; Poznanski, Andrew K.; Hopwood, Nancy J.; Kelch, Robert P., (AJR), **131:** 477, 1978

Pituitary gland, abscess
pituitary abscess (ab), Rudwan, M. A., **126:** 272, 1978
pituitary abscesses: report of seven cases and review of the literature (ab), Domingue, James N.; Wilson, Charles B., **126:** 832, 1978

Pituitary gland, hypopituitarism
hypopituitarism after irradiation in children (ab), Wara, William M.; Richards, Gail E.; Grumbach, Melvin M.; Kaplan, Selna L.; Sheline, Glenn E.; Conte, Felix A., **126:** 846, 1978

Pituitary gland, neoplasms
computerized tomography in the evaluation of pituitary adenomas (ab), Citrin, Charles M.; Davis, David O., **126:** 548, 1978
conservative removal of small pituitary tumours: is it justified by the pathological findings? (ab), Wrightson, Philip, **129:** 273, 1978
haemorrhage into pituitary adenomas (ab), Mohanty, S.; Tandon, P. N.; Banerji, A. K.; Prakash, B., **128:** 267, 1978
pluridirectional tomography in the evaluation of pituitary tumors, Geehr, Robert B.; Allen, III, William E.; Rothman, Stephen L. G.; Spencer, Dennis D., (AJR), **130:** 105, 1978
radiologic assessment of pituitary microadenomas, Robertson, William D.; Newton, Thomas H., (AJR), **131:** 489, 1978
transsphenoidal microsurgical removal of 250 pituitary adenomas (ab), Wilson, Charles B.; Demsey, Lawrence C., **129:** 275, 1978
value of CT for the diagnosis of pituitary microadenomas in children (ab), Belloni, G.; Baciocco, A.; Borrelli, P.; Sagui, G.; Di Rocco, C.; Maira, G., **129:** 845, 1978

Placenta, localization
accuracy of placental localization by ultrasound, Bowie, James D.; Rochester, David; Cadkin, Alan V.; Cooke, William T.; Kunzmann, Axel, **128:** 177, 1978
effect of the urinary bladder in obstetrical sonography, Zemlyn, Seymour, **128:** 169, 1978
identification of placenta praevia (opin), Goldberg, Barry B., **128:** 255, 1978
peripatetic placenta, Young, Graeme Bruce, **128:** 183, 1978
second trimester placenta previa: apparent normal placentation (ab), Wexler, Paul; Gottesfield, Kenneth R., **128:** 574, 1978

Placenta, ultrasound studies
second trimester placenta previa: apparent normal placentation (ab), Wexler, Paul; Gottesfield, Kenneth R., **128:** 574, 1978

Plasmacytoma
extramedullary plasmacytoma, Schabel, Stephen I.; Rogers, Charles I.; Rittenberg, Gerald M.; Bubanj, Radovan, **128:** 625, 1978

Platelets
effects of platelet suppressant, anticoagulant and fibrinolytic therapy in patients with recurrent venous thrombosis (ab), Steele, Peter; Ellis, Jr., James; Genton, Edward, **128:** 565, 1978

Plethysmography
clinically suspected deep venous thrombosis of the lower extremities: comparison of venography, impedance plethysmography, and radiolabeled fibrinogen (ab), Moser, Kenneth M.; Brach, B. Bowman; Dolan, Gerald F., **126:** 559, 1978
combined use of leg scanning and impedance plethysmography in suspected venous thrombosis: an alternative to venography (ab), Hull, Russell; Hirsh, Jack; Sackett, David L.; Powers, Peter; Turpie, Alexander G.; Walker, Irwin, **126:** 559, 1978

Pleura
bilateral pleural thickening: manifestation of asbestos dust exposure, Sargent, E. Nicholas; Gordonson, Jay; Jacobson, George; Birnbaum, William; Shaub, Michael, (AJR), **131:** 579, 1978
extrapleural space, Felson, Benjamin, (SR), **12:** 327, 1977
extrathoracic musculature mimicking pleural lesions, Collins, James D.; Pagani, John J., **129:** 21, 1978
medial herniation of the parietal pleura: useful sign of pneumothorax in supine neonates, Fletcher, Barry D., (AJR), **130:** 469, 1978
pleural aspergillosis, Meredith, Hubert C.; Cogan, Brad M.; McLaulin, Bryce, (AJR), **130:** 164, 1978
pleural plaques: signpost of asbestos dust inhalation, Sargent, E. Nicholas; Jacobson, George; Gordonson, Jay S., (SR), **12:** 287, 1977
radiographic spectrum of pleuropulmonary tularemia, Rubin, Sanford A., (AJR), **131:** 277, 1978

Pleura, air in
anterior pathway for transdiaphragmatic extension of pneumomediastinum, Kleinman, Paul K.; Brill, Paula W.; Whalen, Joseph P., (AJR), **131:** 271, 1978

Pleura, diseases
overview of diseases of the pleura, Rigler, Leo G., (SR), **12:** 265, 1977
roentgenographic manifestations of pleural disease, Vix, Vernon A., (SR), **12:** 277, 1977
unusual radiographic features of Wegener's granulomatosis, Maguire, Roderick; Fauci, Anthony S.; Doppman, John L.; Wolff, Sheldon M., (AJR), **130:** 233, 1978

Pleura, fluid
account of pleural effusions, pulmonary nodules and cavities attributable to rheumatoid disease (ab), Jones, J. Spencer, **128:** 852, 1978
chest pain in the nontraumatized patient, Ravin, Carl E.; Kelley, Michael J.; Greenspan, Richard H., (RCNA), **16:** 3, 1978
chronic pancreatic ascites and pancreatic pleural effusions (ab), Cameron, John L., **128:** 275, 1978
computed tomography of the lung and pleura, Kreel, Louis, (SR), **13:** 213, 1978
diffuse pulmonary hemangiomatosis, Rowen, Marshall; Thompson, James R.; Williamson, Robin A.; Wood, Betty J., **127:** 445, 1978
incomplete pulmonary interlobar fissure sign, Dandy, Jr., Walter E., **128:** 21, 1978
pleural effusion: pathophysiology and clinical features, Sahebjami, Hamid; Loudon, Robert G., (SR), **12:** 269, 1977
primary coccidioidomycosis in children presenting with massive pleural effusion, Pinckney, Lee; Parker, Bruce R., (AJR), **130:** 247, 1978
problems in the application of ultrasonography for the evaluation of pleural opacities, Laing, Faye C.; Filly, Roy A., **126:** 211, 1978
radiographic features of pleural effusions in pulmonary embolism (ab), Bynum, Lincoln J.; Wilson, III, James E., **129:** 562, 1978
radiographic findings in Rocky Mountain spotted fever, Lees, Richard F.; Harrison, R. Brent; Williamson, Brian R. J.; Shaffer, Jr., Hubert A., **129:** 17, 1978
radiographic spectrum of pleuropulmonary tularemia, Rubin, Sanford A., (AJR), **131:** 277, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978

Pleural tail sign
See Lung neoplasms, diagnosis; Lungs, diseases

Pleura, neoplasms
computed tomography of the lung and pleura, Kreel, Louis, (SR), **13:** 213, 1978
mesotheliomas and secondary tumors of the pleura, Ellis, Kent; Wolff, Marianne, (SR), **12:** 303, 1977
pleural-based lesion arising from lung, pleura, or chest wall, Reeder, Maurice M., (SR), **12:** 261, 1977

Pleura, ultrasound studies
gray scale echocardiography of the lung and pleural space: current applications of oncologic interest (ab), Cunningham, Jerome J., **128:** 859, 1978
problems in the application of ultrasonography for the evaluation of pleural opacities, Laing, Faye C.; Filly, Roy A., **126:** 211, 1978

Pneumatocele
See Lungs, hernia

Pneumatosis intestinalis
See Intestines, cysts

Pneumobilia
See Bile ducts, gas in

Pneumoconiosis
acute silicosis in tombstone sandblasters (ab), Suratt, Paul M.; Winn, Jr., Washington C.; Brody, Arnold R.; Bolton, W. Kline; Giles, Richard D., **127:** 562, 1978
hard metal pneumoconiosis: another cause of diffuse interstitial fibrosis, Forrest, Maureen E.; Skerker, Leonard B.; Nemiroff, Martin J., **128:** 609, 1978
radiographic findings in acute silicosis, Dee, Paul; Suratt, Paul; Winn, Washington, **126:** 359, 1978

Pneumoencephalography
See Brain, radiography

Pneumomediastinum
See also Emphysema, mediastinal
anterior pathway for transdiaphragmatic extension of pneumomediastinum, Kleinman, Paul K.; Brill, Paula W.; Whalen, Joseph P., (AJR), **131:** 271, 1978
chest pain in the nontraumatized patient, Ravin, Carl E.; Kelley, Michael J.; Greenspan, Richard H., (RCNA), **16:** 3, 1978
incidence of pneumothorax and pneumomediastinum in patients with aspiration pneumonia requiring ventilatory support (ab), de LaTorre, Francisco J.; Tomasa, Antonio; Klamburg, Jorge; Leon, Cristobal; Soler, Manuel; Rius, Jorge, **126:** 275, 1978
tension pneumomediastinum (ab), Van Stiegmann, Gregory; Brantigan, Charles O.; Hopeman, Alan R., **127:** 562, 1978

Pneumonectomy
See Lungs, surgery

Pneumonia
abnormal gallium scintigraphy in *Pneumocystis carinii* pneumonia with a normal chest radiograph, Turbiner, Elliott H.; Yeh, Samuel D. J.; Rosen, Paul P.; Bains, Manjit S.; Benua, Richard S., **127:** 437, 1978
chemical pneumonitis after the intravenous injection of hydrocarbon, Neeld, Elise M.; Limacher, Marian C., **129:** 36, 1978
chest radiograph in Legionnaires' disease, Dietrich, Peter A.; Johnson, Robert D.; Fairbank, Jonathan T.; Walke, John S., **127:** 577, 1978
concomitant pneumonia and acute appendicitis in a child (ab), Baechli, D.; Braun, P., **129:** 561, 1978
incidence of pneumothorax and pneumomediastinum in patients with aspiration pneumonia requiring ventilatory support (ab), de LaTorre, Francisco J.; Tomasa, Antonio; Klamburg, Jorge; Leon, Cristobal; Soler, Manuel; Rius, Jorge, **126:** 275, 1978
Mycoplasma pneumoniae infections in children (ab), Stevens, David; Swift, P. G. F.; Johnston, P. G. B.; Kearney, P. J.; Corner, Beryl D.; Burman, David, **128:** 564, 1978

pulmonary complications associated with prune-belly syndrome, Alford, Bennett A.; Peoples, W. M.; Resnick, Jack S.; L'Heureux, Philippe R., **129:** 401, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978
recurrent pneumonia in Behcet's syndrome: roentgenographic documentation during 13 years (ab), Petty, Thomas L.; Scoggin, Charles H.; Good, James T., **128:** 273, 1978
role of lower esophageal sphincter incompetence in recurrent pneumonia after repair of esophageal atresia (ab), Whitington, Peter F.; Shermeta, Dennis W.; Seto, Dexter S. Y.; Jones, Linda; Hendrix, Thomas R., **127:** 850, 1978

Pneumonia, in infants and children
fatal neonatal pulmonary candidiasis, Dixon, Brian L.; Houston, C. Stuart, **129:** 132, 1978
neonatal pneumonia associated with medium-chain triglyceride feeding supplement (ab), Smith, Roberta M.; Brumley, George W.; Stannard, Michael W., **129:** 852, 1978

Pneumonitis
chemical pneumonitis after the intravenous injection of hydrocarbon, Neeld, Elise M.; Limacher, Marian C., **129:** 36, 1978
immunopathogenesis of hypersensitivity pneumonitis (ab), Roberts, Ronald C.; Moore, Vernon L., **127:** 562, 1978
interstitial pneumonitis in the immunologically suppressed child: urgent surgical condition (ab), Ballantine, Thomas V. N.; Grosfeld, Jay L.; Knapeck, Richard M.; Baehner, Robert L., **127:** 562, 1978
pulmonary processes of mature-appearing lymphocytes: pseudolymphoma, well-differentiated lymphocytic lymphoma, and lymphocytic interstitial pneumonitis, Julsrud, Paul R.; Brown, Larry R.; Li, Chin-Yang; Rosenow, III, Edward C.; Crowe, John K., **127:** 289, 1978
sarcoidosis in hypersensitivity pneumonitis (ab), Cohen, Steven H.; Fink, Jordon N.; Garancis, John C.; Hensley, George T.; Barboriak, Joseph J.; Schlueter, Donald P., **127:** 277, 1978

Pneumonitis, interstitial
lymphocytic interstitial pneumonitis: review of 13 cases (ab), Strimlan, C. Vaughn; Rosenow, III, Edward C.; Weiland, Louis H.; Brown, L. R., **129:** 561, 1978

Pneumopelvigraphy
See Pelvis

Pneumoperitoneum
benign pneumoperitoneum following median sternotomy incision, Glanz, Sidney; Ravin, Carl E.; Deren, M. M., (AJR), **131:** 267, 1978
concomitant pneumonia and acute appendicitis in a child (ab), Baechli, D.; Braun, P., **129:** 561, 1978
pneumoperitoneum associated with perforated appendicitis (ab), Saebo, Arve, **129:** 857, 1978
pneumoperitoneum in the extremely low-birth-weight infant: successful nonoperative treatment (ab), Mangurten, Henry H.; Ippoliti, John; Besser, Arthur S., **126:** 275, 1978

Pneumoperitoneum, diagnostic
indications for pneumoperitoneum in the diagnosis of congenital anomalies in the umbilical region (ab), Vidal, J.; Cortina, H.; Alonso, A.; Alberto, C.; Lanuza, A.; Perez-Candela, V., **127:** 856, 1978

Pneumothorax
bronchogenic carcinoma presenting as spontaneous pneumothorax: case report with review of literature (ab), Yeung, Kai-Yiu; Bonnet, John D., **126:** 275, 1978
case of the spring season: (angiosarcoma of right atrium with hemorrhagic pulmonary metastases and spontaneous pneumothorax), Starshak, Robert J., (SR), **13:** 83, 1978
chest pain in the nontraumatized patient, Ravin, Carl E.; Kelley, Michael J.; Greenspan, Richard H., (RCNA), **16:** 3, 1978
diagnosis of pneumothorax by ventilation-perfusion imaging, Dhekne, Ramesh D.; Burdine, John A., **129:** 119, 1978
high incidence of lung perforation by chest tube in neonatal pneumothorax (ab), Moessinger, Adrien C.; Driscoll, Jr., John M.; Wigger, H. Joachim, **129:** 561, 1978
incidence of pneumothorax and pneumomediastinum in patients with aspiration pneumonia requiring ventilatory support (ab), de LaTorre, Francisco J.; Tomasa, Antonio; Klamburg, Jorge; Leon, Cristobal; Soler, Manuel; Rius, Jorge, **126:** 275, 1978
medial herniation of the parietal pleura: useful sign of pneumothorax in supine neonates, Fletcher, Barry D., (AJR), **130:** 469, 1978
pneumothorax, Greene, Reginald; McLoud, Theresa C.; Stark, Paul, (SR), **12:** 313, 1977
pneumothorax as a complication of radiation therapy for primary lung cancer (ab), Hay, Michael R.; Cho, Kyung J.; Shin, Hyunchul, **126:** 287, 1978
pneumothorax: complication of endotracheal tube suctioning (ab), Vaughan, Russell S.; Menke, James A.; Giacola, George P., **129:** 561, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978
recurrent spontaneous pneumothorax after radiation therapy to the thorax (ab), Twiford, Thomas W.; Zornoza, Jesus; Libshitz, Herman I., **128:** 287, 1978
syndrome of inappropriate antidiuretic hormone secretion in neonates with pneumothorax or atelectasis (ab), Paxson, Jr., Charles L.; Stoerner, Joan W.; Denson, Susan E.; Adcock, III, Eugene W.; Morriss, Jr., Frank H., **127:** 849, 1978

Poikiloderma congenitale
See Familial conditions

Poisons and poisoning
carbon tetrachloride poisoning: radiographic findings (ab), Bagnasco, Francis M.; Stringer, Bruce; Muslim, Arif M., **129:** 853, 1978
chemical pneumonitis after the intravenous injection of hydrocarbon, Neeld, Elise M.; Limacher, Marian C., **129:** 36, 1978
pulmonary changes in paraquat poisoning, Bier, Robert K.; Osborne, Isaac J. T., **127:** 308, 1978

Polychondritis
narrowing of the airway in relapsing polychondritis, Kilman, William J., **126:** 373, 1978

Polycythemia
neonatal polycythemia and the chest roentgenogram (ab), Lanning, Peter; Kovisto, Maila; Surame, I.; Lanning, Marjatta, **126:** 549, 1978

Polymyositis
See Myositis

Polyphosphate
See under organs and regions scanned, as Bones, radionuclide studies; Bone neoplasms, radionuclide diagnosis

Polyphosphonate
See under organs and regions scanned, as Bones, radionuclide studies

Polytomography
See Tomography

Portal vein
hepatofugal portal blood flow in hepatic cirrhosis (ab), Foster, D. N.; Herlinger, H.; Miloszewski, K. J. A.; Losowsky, M. S., **128:** 566, 1978
ultrasonographic identification of dilated intrahepatic bile ducts and their differentiation from portal venous structures (ab), Laing, Faye C.; London, Linda A.; Filly, Roy A., **129:** 573, 1978

Portal vein, anatomy
anatomic variation of portal venous anatomy in the porta hepatis: ultrasonographic evaluation (ab), Filly, Roy A.; Laing, Faye C., **129:** 572, 1978

Portal vein, gas in
angiographic demonstration of gas and thrombus in the portal vein, Lefleur, Richard S.; Rothberg, Murray; Benjamin, Jeffery; Ambos, Marjorie A., (AJR), **130:** 1171, 1978
hepatic-portal venous gas in adults: etiology, pathophysiology and clinical significance (ab), Liebman, Paul R.; Patten, Michael T.; Manny, Jonah; Benfield, John R.; Hechtman, Herbert B., **128:** 855, 1978

Portal vein, hypertension
detection of hemorrhage in a patient with cecal varices using ^{99m}Tc-sulfur colloid, Barry, Jane W.; Engle, Claudette V., **129:** 489, 1978
evaluation of the left renal vein in candidates for splenorenal shunts, Sones, Jr., Peter J.; Rude, III, Joe C.; Berg, David J.; Warren, W. Dean, **127:** 357, 1978
hepatic schistosomiasis: case with intrahepatic shunting and extrahepatic portal vein occlusion, Sniderman, Kenneth W.; Sos, Thomas A., (AJR), **130:** 565, 1978
hepatoportal arteriovenous fistula and portal hypertension in an infant (ab), Helikson, M. A.; Shapiro, D. L.; Seashore, J. H., **128:** 274, 1978
improved safety of splenoportography by plugging of the needle tract, Probst, Peter; Rysavy, Joseph A.; Amplatz, Kurt, (AJR), **131:** 445, 1978
portosystemic communications studied by transhepatic portography, Nunez, Jr., Diego; Russell, Edward; Yrizarry, Jose; Pereiras, Raul; Viamonte, Jr., Manuel, **127:** 75, 1978
pre-operative angiographic assessment of portal venous hypertension (ab), Levine, E., **127:** 278, 1978

Portal vein, obstruction
hepatic schistosomiasis: case with intrahepatic shunting and extrahepatic portal vein occlusion, Sniderman, Kenneth W.; Sos, Thomas A., (AJR), **130:** 565, 1978

Portal vein, radiography
See Portography; other subheads under Portal vein

Portal vein, ultrasound studies
anatomic variation of portal venous anatomy in the porta hepatis: ultrasonographic evaluation (ab), Filly, Roy A.; Laing, Faye C., **129:** 572, 1978
ultrasonic study of the normal and dilated biliary tree: "shotgun" sign, Weill, Francis; Eisencher, Albert; Zeltner, Francois, **127:** 221, 1978

Portography
Cruveilhier-Baumgarten syndrome presenting with precordial murmur and thrill: report of a case diagnosed by percutaneous transhepatic portography (ab), Ohkubo, Hideki; Okuda, Kunio; Takayasu, Kenichi; Musha, Hirotaka; Hara, Teruhiko; Hirashima, Takeshi, **129:** 564, 1978
portosystemic communications studied by transhepatic portography, Nunez, Jr., Diego; Russell, Edward; Yrizarry, Jose; Pereiras, Raul; Viamonte, Jr., Manuel, **127:** 75, 1978
pre-operative angiographic assessment of portal venous hypertension (ab), Levine, E., **127:** 278, 1978

Portography, technique
improved safety of splenoportography by plugging of the needle tract, Probst, Peter; Rysavy, Joseph A.; Amplatz, Kurt, (AJR), **131:** 445, 1978
new technique for transhepatic liver tract dilatation: aid in transhepatic portography, Pereiras, Raul; Miers, Walter; Hutson, Duane; Viamonte, Jr., Manuel, **127:** 830, 1978
percutaneous transhepatic obliteration of gastroesophageal varices: some technical aspects, Keller, Frederick S.; Dotter, Charles T.; Rosch, Josef, **129:** 327, 1978

Positron imaging
multislice positron emission computed tomograph (PETT IV) yielding transverse and longitudinal images, Ter-Pogossian, Michel M.; Mullani, Nizar A.; Hood, John; Higgins, Carol S.; Currie, C. Michael, **128:** 477, 1978

Posterior fossa
epidural hematoma of the posterior fossa: radionuclide features, Hulvat, Gerald F.; Batnitzky, Solomon; Wellman, Henry N., **127:** 194, 1978

Posterior fossa, computed tomography
See Computed tomography, head

Posterior fossa, cysts
enlarged cisternae magnae and posterior fossa cysts simulating Dandy–Walker syndrome on computed tomography, Archer, Carol R.; Darwish, Husem; Smith, Jr., Kenneth, **127:** 681, 1978

Posterior fossa, hemorrhage
acute posterior fossa epidural hematomas in children (ab), Arkins, Thomas J.; McLennan, James E.; Winston, Ken R.; Strand, Roy D.; Suzuki, Yamoto, **127:** 559, 1978

Posterior fossa, neoplasms
extra-axial posterior fossa lesions simulating intra-axial lesions on computed tomography, Miller, Edward M.; Newton, Thomas H., **127:** 675, 1978

Pregnancy
See also Fetus; Pelvic angiography; Placenta; Radiations, injurious effects; Radiobiology
cardiac size and performance during pregnancy estimated with echocardiography (ab), Rubler, Shirley; Damani, Prabodhkumar M.; Pinto, Edward R., **126:** 843, 1978
diagnostic irradiation of women during the reproductive period (ab), Houston, C. Stuart, **127:** 282, 1978
gray scale appearance of the normal pregnancy from 4 to 6 weeks of gestation (ab), Ghorashi, Bijan; Gottesfeld, Kenneth R., **126:** 843, 1978
hysterographic double-outlined uterine cavity: sign of unsuspected pregnancy, Isaacs, Ivan, (AJR), **131:** 305, 1978

Pregnancy, complications
extra-amniotic blood clot simulating placenta previa on ultrasound scan (ab), Williams, Charles H.; Van Bergen, William S.; Prentice, Robert L., **126:** 844, 1978

peripatetic placenta, Young, Graeme Bruce, **128:** 183, 1978
ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, Filly, Roy A.; Callen, Peter W., (RCNA), **16:** 159, 1978

Pregnancy, ectopic
chronic ectopic pregnancy: ultrasonic diagnosis (ab), Rogers, William F.; Shaub, Michael; Wilson, Robert, **126:** 557, 1978
ectopic pregnancy: criteria and accuracy of ultrasonic diagnosis, Lawson, Thomas L., (AJR), **131:** 153, 1978
gray-scale ultrasound in tubal pregnancy, Schoenbaum, Stephen; Rosendorf, Leonard; Kappelman, Neil; Rowan, Timothy, **127:** 757, 1978
grey scale ultrasonography in the diagnosis of ectopic pregnancy, Maklad, Nabil F.; Wright, Carl H., **126:** 221, 1978

Pregnancy, ultrasound studies
chronic ectopic pregnancy: ultrasonic diagnosis (ab), Rogers, William F.; Shaub, Michael; Wilson, Robert, **126:** 557, 1978
ectopic pregnancy: criteria and accuracy of ultrasonic diagnosis, Lawson, Thomas L., (AJR), **131:** 153, 1978
effect of the urinary bladder in obstetrical sonography, Zemlyn, Seymour, **128:** 169, 1978
peripatetic placenta, Young, Graeme Bruce, **128:** 183, 1978
rapid B-scan (real-time) ultrasonography in the identification and evaluation of twin pregnancies (ab), Levine, Sandra C.; Filly, Roy A., **128:** 574, 1978
real-time sonography in obstetrics (ab), Anderson, Stephen G., **128:** 574, 1978
unsoftened portion of the uterus: pitfall in gray-scale ultrasound studies during mid-trimester pregnancy, Sample, W. Frederick, **126:** 227, 1978

Primary endocardial fibroelastosis (EFE)
See Heart, failure; Heart, hypertrophy

Procarbazine
procarbazine lung, Ecker, Martin D.; Jay, Bernard; Keohane, Mary F., (AJR), **131:** 527, 1978

Propantheline bromide
use of pro-banthine to induce gastrointestinal hypotonia, Merlo, Richard B.; Stone, Margie; Baugus, Pat; Martin, Martha, **127:** 61, 1978

Prostaglandin
prostaglandin E_1 (PGE_1) in angiography of tumors of the extremities, Jonsson, Kjell; De Santos, Luis Alonso; Wallace, Sidney; Anderson, James H., (AJR), **130:** 7, 1978
use of prostaglandin F2 alpha in selective visceral angiography (ab), Legge, D. A., **126:** 278, 1978

Prostate, neoplasms
contribution of the bone scan, serum acid and alkaline phosphatase, and the radiographic bone survey to the management of newly-diagnosed carcinoma of the prostate (ab), Shafer, R. B.; Reinke, D. B., **127:** 575, 1978
pelvic phlebography by injection of contrast medium into the profundal dorsal penis vein for evaluation of tumor spread in cancer of the urinary bladder and prostate (ab), Drosdovskij, B. J.; Zyb, A. F.; Duntschik, W. N., **126:** 838, 1978
radiation therapy in the definitive treatment of localized carcinoma of the prostate (ab), Perez, Carlos A.; Bauer, Walter; Garza, Raul; Royce, Robert K., **127:** 288, 1978
roentgen diagnosis of prostatic carcinoma (ab), Taenzer, V.; Tunn, U., **126:** 839, 1978
ultrasonic evaluation of the prostatic nodule (ab), Resnick, Martin I.; Willard, James W.; Boyce, William H., **129:** 573, 1978
value of roentgenologic, scintigraphic, and biochemical methods in evaluating metastatic spread in prostatic carcinoma (ab), Rost, A.; Fiedler, U.; Marshall, F.; Koppenhagen, K., **126:** 839, 1978

Prostate, radionuclide studies
contribution of the bone scan, serum acid and alkaline phosphatase, and the radiographic bone survey to the management of newly-diagnosed carcinoma of the prostate (ab), Shafer, R. B.; Reinke, D. B., **127:** 575, 1978

Prostate, ultrasound studies
ultrasonic evaluation of the prostatic nodule (ab), Resnick, Martin I.; Willard, James W.; Boyce, William H., **129:** 573, 1978

Prostheses
B-mode ultrasonography of prosthetic vascular grafts, Gooding, Gretchen A. W.; Herzog, Karen A.; Hedgcock, Marcus W.; Eisenberg, Ronald L., **127:** 763, 1978

Protons
introduction to the use of protons and heavy ions in radiation therapy: historical perspective (ab), Boone, Max L.; Lawrence, John H.; Connor, William G.; Morgado, Richard; Hicks, John A.; Brown, Richard C., **129:** 287, 1978
present and future sources of protons and heavy ions (ab), Grunder, Hermann A.; Leemann, Christoph W., **129:** 287, 1978

Protusio acetabuli
See Hip, displacement

Prune belly syndrome
See Abdomen, abnormalities; Urinary tract abnormalities; Muscles

Pseudoaneurysm
See Aneurysm

Pseudoarthrosis
congenital pseudarthrosis of the radius, Cleveland, Robert H.; Gilsanz, Vicente; Wilkinson, Robert H., (AJR), **130:** 955, 1978

Pseudochondroplasia
See Bones, osteochondrodysplasias

Pseudocyst
See Pancreas, cysts

Pseudogout
See Chondrocalcinosis

Pseudolymphoma
See Lymphoma

Psoriasis
bony proliferation of terminal toe phalanges in psoriasis: "ivory" phalanx (ab), Resnick, Donald; Broderick, Thomas W., **127:** 853, 1978

Pterygium
postoperative irradiation of pterygia: ten more years of experience, Cooper, Jay Scott, **128:** 753, 1978

Pulmonary angiography, indications
pulmonary angiography for pulmonary emboli: rational selection of oblique views, Gomes, A. S.; Grollman, Jr., J. H.; Mink, J., (AJR), **129:** 1019, 1977
pulmonary embolism in respiratory failure (ab), Neuhaus, Aron; Bentz, Rodney R.; Weg, John G., **128:** 564, 1978

Pulmonary angiography, technique
studies of pulmonary vasculature using chromatoroentgenography, Tanaka, Yoshiaki; Takahashi, Shinji, **126:** 527, 1978

Pulmonary arteries
See also Embolism, pulmonary; Lungs, blood supply; Malformations, arteriovenous; Pulmonary angiography; Thrombosis
echocardiographic assessment of pulmonary arterial pressure in children with complete right bundle branch block (ab), Johnson, Gregory L.; Meyer, Richard A.; Korfhagen, Joan; Schwartz, David C.; Kaplan, Samuel, **129:** 283, 1978
echocardiographic estimation of pulmonary artery pressure in transposition of the great arteries (ab), Gutgesell, Howard P., **129:** 283, 1978
subclavian artery aneurysm: unique late complication of Blalock-Taussig anastomosis, McGahan, John P.; Bogren, Hugo G.; Foerster, James M.; Mason, Dean T., (AJR), **130:** 1181, 1978
treatment of massive hemoptysis by combined occlusion of pulmonary and bronchial arteries (ab), Bredin, Charles P.; Richardson, Paul R.; King, Thomas K. C.; Sniderman, Kenneth W.; Sos, Thomas A.; Smith, James P., **129:** 562, 1978

Pulmonary arteries, abnormalities
congenital pulmonary atresia with ventricular septal defect: angiographic and surgical correlates, Davis, George D.; Fulton, Richard E.; Ritter, Donald G.; Mair, Douglas D.; McGoon, Dwight C., **128:** 133, 1978
pulmonary complications associated with prune-belly syndrome, Alford, Bennett A.; Peoples, W. M.; Resnick, Jack S.; L'Heureux, Philippe R., **129:** 401, 1978
pulmonary steal syndrome: unusual case of coronary-bronchial pulmonary artery communication, Spindola-Franco, Hugo; Weisel, Arthur; Delman, Abner J., **126:** 25, 1978
radiographic study of congenital pulmonary atresia with ventricular septal defect, Soto, Benigno; Pacifico, Albert D.; Luna, Rodrigo F.; Bargeron, Jr., L. M., (AJR), **129:** 1027, 1977

Pulmonary arteries, flow dynamics
assessment of the pulmonary vascular bed by echocardiographic right ventricular systolic time intervals (ab), Riggs, Thomas; Hirschfeld, Stephen; Borkat, Gordon; Knoke, James; Liebman, Jerome, **128:** 859, 1978
cardiopulmonary effects of intravenous fluid overload: radiologic manifestations, Westcott, Jack L.; Rudick, Marilyn Goske, **129:** 577, 1978

Pulmonary arteries, inflammation
echocardiographic features of right ventricular outflow tumor prolapsing into the pulmonary artery (ab), Nanda, Navin C.; Barold, S. Serge; Gramiak, Raymond; Ong, Ling S.; Heinle, Robert A., **126:** 282, 1978

Pulmonary arteries, stenosis
angiographic features of carcinoid heart disease, Holt, R. Gary; Gross, Richard; Carlsson, Erik, **127:** 601, 1978

Pulmonary arteries, surgery
angiographic demonstration of complications resulting from the Waterston procedure, Levin, David C.; Fellows, Kenneth E.; Sos, Thomas A., (AJR), **131:** 431, 1978

Pulmonary-renal syndrome
See Lungs, hemorrhage; Kidneys, diseases

Pulmonary steal syndrome
See Pulmonary arteries, abnormalities

Pulmonary valve
angiographic features of carcinoid heart disease, Holt, R. Gary; Gross, Richard; Carlsson, Erik, **127:** 601, 1978

Pulmonary valve, stenosis
cross-sectional echocardiographic visualization of the stenotic pulmonary valve (ab), Weyman, Arthur E.; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie, **127:** 285, 1978

Pulmonary valve, ultrasound studies
cross-sectional echocardiographic visualization of the stenotic pulmonary valve (ab), Weyman, Arthur E.; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C.; Feigenbaum, Harvey; Green, Debbie, **127:** 285, 1978
pulmonary valve fluttering in subpulmonic ventricular septal defect (ab), Glasser, Stephen P.; Baucum, Jr., Ralph W., **127:** 571, 1978
pulmonary valve vegetations detected with echocardiography (ab), Kramer, Neil E.; Gill, Sukjhit S.; Patel, Ramesh; Towne, William D., **126:** 283, 1978

Pyelography
See Urography

Pyelolithotomy
See Kidneys, surgery

Pyelonephritis
See also Kidneys; Nephritis
arterial encasement in xanthogranulomatous pyelonephritis, Morehouse, Helen T.; Panchacharam, Panthmini; Friedenberg, Richard M.; Biuso, Thomas J., **128:** 617, 1978
diffuse xanthogranulomatous pyelonephritis in children: unrecognized variant. (ab), Bagley, Frederick H.; Stewart, Archibald M.; Jones, Peter F., **126:** 555, 1978
epinephrine renal venography in severe inflammatory disease of the kidney, Goldman, Martin L.; Gorelkin, Leo; Rude, III, Joe C.; Sybers, Robert G.; O'Brien, David P., **127:** 93, 1978
forgotten factor in the evaluation of vesicoureteric reflux (ab), Fairley, K. F.; Roysmith, J., **126:** 555, 1978
post-renal failure in an infant due to bilateral ureter obstruction secondary to *Candida* pyelonephritis (ab), Schindera, F.; Pringsheim, W., **127:** 856, 1978
radiographic abnormalities in acute pyelonephritis (ab), Richie, Jerome J.; Nicholson, Thomas C.; Hunting, Daniel; Brosman, Stanley A., **129:** 571, 1978

Pylorus
See also Stomach
double channel pylorus, Jamshidnejad, Javad; Koehler, Robert E.; Narayan, Dilip, (AJR), **130:** 1047, 1978
natural history of the double pylorus, Hegedus, Viktor; Poulsen, Poul Ejby; Reichardt, Jens, **126:** 29, 1978
prepyloric gastric antral web: puzzling epidemic (ab), Bell, Martin J.; Ternberg, Jessie L.; Keating, James P.; Moedjona, S.; McAlister, William; Shackelford, Gary D., **129:** 854, 1978

Pylorus, stenosis
association of antral diaphragms and hypertrophic pyloric stenosis, Mandell, Gerald A., (AJR), **131:** 203, 1978
gastric emphysema in infants with hypertrophic pyloric stenosis, Lester, Patrick D.; Budge, Arthur F.; Barnes, John C.; Kirks, Donald R., (AJR), **131:** 421, 1978

Q

Quadriplegia
See Paralysis

R

Radiations
See also Atomic bomb and atomic energy; Dosimetry; Electrons; Neutrons; Radiations, injurious effects; Radiobiology; Radiography; Radionuclide imaging; Radionuclides; Therapeutic radiology; under names of specific radionuclides; etc.

Radiations, effects
See Radiations, injurious effects

Radiations, exposure in diagnostic procedures
See Diagnostic radiology, radiation dose

Radiations, injurious effects
See also Atomic bomb and atomic energy; Radiations; Radiobiology; Radiography; and under specific agents, organs, and regions
ICRU and ICRP activities are important to radiologists and allied scientists (opin), Wyckoff, Harold O., **129:** 537, 1978
International Commission on Radiological Protection: 1978 Stockholm meeting (edit), Sowby, F. David, **129:** 533, 1978

Radiations, injurious effects, as result of atomic bombing
radiologic aspects of diffuse idiopathic skeletal hyperostosis in the spine, Tsukamoto, Yoshiki; Onitsuka, Hideo; Lee, Kelvin, (AJR), **129:** 913, 1977

Radiations, injurious effects, complications of therapeutic radiology
acute skin reactions in postoperative breast cancer patients receiving radiotherapy plus adjuvant chemotherapy, Hahn, P.; Hallberg, O.; Vikterlof, K.-J., (AJR), **130:** 137, 1978
beam anomaly for a cobalt-60 teletherapy machine, Aoki, Chuck T., **128:** 807, 1978
breast neoplasms in women treated with x-rays for acute postpartum mastitis (ab), Shore, Roy E.; Hempelmann, Louis H.; Kowaluk, Eugene; Mansur, Paula S.; Pasternack, Bernard S.; Albert, Roy E.; Haughie, Glenn E., **126:** 287, 1978
comparison of skin doses to large fields using tangential beams from cobalt-60 gamma rays and 4-MV x-rays, Gagnon, William F.; Peterson, Mary D., **127:** 785, 1978
complications after radiation therapy for cervical carcinoma (ab), Bosch, Antonio; Frias, Zenaida, **127:** 862, 1978
complications following parametrial radiogold treatment for cervical carcinoma (ab), Kao, Ming-Shian; Srisuro, Chotchai; Camel, H. Marvin, **128:** 576, 1978
cyclotron fast neutron RBE for late kidney damage, Geraci, Joseph P.; Thrower, Pamella D.; Mariano, Marnela, **126:** 519, 1978
delayed radiation necrosis of the brain (ab), Martins, Albert N.; Johnston, James S.; Henry, James M.; Stoffel, Thomas J.; Di Chiro, Giovanni, **128:** 287, 1978
histopathologic studies of the liver following intravenous colloidal ^{198}Au therapy, Nelson, Bill M.; Andrews, Gould A.; Watson, Evelyn E., **127:** 239, 1978
hyperparathyroidism in persons treated with x-rays for tuberculous cervical adenitis (ab), Tisell, Lars-Eric; Hansson, Goran; Lindberg, Sture; Ragnhult, Inger, **126:** 560, 1978
hypopituitarism after irradiation in children (ab), Wara, William M.; Richards, Gail E.; Grumbach, Melvin M.; Kaplan, Selna L.; Sheline, Glenn E.; Conte, Felix A., **126:** 846, 1978
ionizing irradiation and the induction of clinically significant disease in the human thyroid gland (ab), Maxon, Harry R.; Thomas, Stephen R.; Saenger, Eugene L.; Buncher, C. Ralph; Kereiakes, James G., **128:** 287, 1978
lymph node calcification in Hodgkin's disease following irradiation (ab), De Giuli, E.; De Giuli, G., **129:** 576, 1978
lymphopenia caused by cranial irradiation in children receiving craniospinal radiotherapy (ab), Harisiadis, Leon; Kopelson, Gene; Chang, Chu H., **126:** 846, 1978
postero-anterior radiography: method for reduction of eye dose, Rosenbaum, Arthur E.; Arnold, Ben A., **129:** 812, 1978
radiation-induced bladder tumors (ab), Duncan, Ralph E.; Bennett, Dale W.; Evans, Arthur T.; Aron, Bernard S.; Schellhas, Helmut F., **126:** 288, 1978
radiation-induced inhibition of compensatory renal growth in the weanling mouse kidney, Donaldson, Sarah S.; Moskowitz, Peter S.; Canty, Earle L.; Efron, Bradley, **128:** 491, 1978
radiation-induced soft-tissue and bone sarcoma, Kim, Jae Ho; Chu, Florence C.; Woodard, Helen Q.; Melamed, Myron R.; Huvos, Andrew; Cantin, Jacques, **129:** 501, 1978
radiation myelopathy of the thoracic spinal cord in long term survivors treated with radical radiotherapy using conventional fractionation (ab), Lambert, Peter M., **129:** 286, 1978
radiation necrosis of the brain: correlation between computed tomography, pathology, and dose distribution (ab), Mikhael, Michael A., **128:** 287, 1978
recurrent spontaneous pneumothorax after radiation therapy to the thorax (ab), Twiford, Thomas W.; Zornoza, Jesus; Libshitz, Herman I., **128:** 287, 1978
regional and total lung function in patients following pulmonary irradiation (ab), Prato, Frank S.; Kurdyak, Ruth; Saibil, Eric A.; Rider, Walter D.; Aspin, Norman, **126:** 560, 1978
residual mediastinal mass following radiation therapy for Hodgkin disease (ab), Katz, M.; Piekarski, J. D.; Bayle-Weisgerber, Ch.; Laval-Jeantet, M.; Teillet, F., **128:** 273, 1978
roentgen manifestations of radiation injury to the gastrointestinal tract (ab), Rogers, Lee F.; Goldstein, Harvey M., **127:** 576, 1978
salivary gland neoplasms as a late consequence of head and neck irradiation (ab), Schneider, Arthur B.; Favus, Murray J.; Stachura, Max E.; Arnold, Margaret J.; Frohman, Lawrence A., **127:** 288, 1978
simple method of protecting the eye from scattered radiations during mantle-field therapy, Barnes, Walter H.; Bradfield, John S.; Hammond, David B., **129:** 812, 1978
thoracic effects of therapeutic irradiation for breast carcinoma, Meyer, Jack E., (AJR), **130:** 877, 1978
thyroid and breast cancer following childhood radiation (ab), Curtin, Charles T.; McHeffy, Barbara; Kolarsick, Albert J., **127:** 576, 1978
urologic complications of pelvic irradiation (ab), Dean, Richard J.; Lytton, Bernard, **128:** 288, 1978

Radiations, injurious effects, genetic, gonadal
army technologists: 29-year follow up for cause of death, Jablon, Seymour; Miller, Robert W., **126:** 677, 1978
genetic damage from diagnostic radiation (ab), Bross, Irwin D. J.; Natarajan, N., **126:** 287, 1978

Radiations, injurious effects, hematologic, hematopoietic
expectation of aplastic anemia following radiotherapy for malignancy, Kitabatake, Takashi; Sakai, Kunio; Saito, Akira, **129:** 169, 1978

Radiations, injurious effects, in physicians, radiation personnel, etc.
army technologists: 29-year follow up for cause of death, Jablon, Seymour; Miller, Robert W., **126:** 677, 1978

Radiations, injurious effects, leukemic
army technologists: 29-year follow up for cause of death, Jablon, Seymour; Miller, Robert W., **126:** 677, 1978

Radiations, injurious effects, neoplastic
breast cancer incidence among atomic bomb survivors, Hiroshima and Nagasaki, 1950–1969 (ab), McGregor, D. H.; Land, C. E.; Choi, K.; Tokuoka, S.; Liu, P. I.; Wakabayashi, T.; Beebe, G. W., **126:** 287, 1978
radiation-induced soft-tissue and bone sarcoma, Kim, Jae Ho; Chu, Florence C.; Woodard, Helen Q.; Melamed, Myron R.; Huvos, Andrew; Cantin, Jacques, **129:** 501, 1978
thyroid and breast cancer following childhood radiation (ab), Curtin, Charles T.; McHeffy, Barbara; Kolarsick, Albert J., **127:** 576, 1978

Radiations, injurious effects, pleuropulmonary
pneumothorax as a complication of radiation therapy for primary lung cancer (ab), Hay, Michael R.; Cho, Kyung J.; Shin, Hyunchul, **126:** 287, 1978

Radiations, injurious effects, urinary
comparison of the effects of 50 $MeV_{d\rightarrow Be}$ neutron and cobalt-60 irradiation of the kidneys of rhesus monkeys, Raulston, Gilbert L.; Gray, Kenneth N.; Gleiser, Chester A.; Jardine, John H.; Flow, Bryan L.; Huchton, Judy I.; Bennett, Kent R.; Hussey, David H., **128:** 245, 1978

Radiations, measurement
international system of units (SI) (edit), Wyckoff, Harold O., **128:** 833, 1978
method for rapid determination of the energy of electron beams from medical linear accelerators, Bell, John H.; Waggener, Robert G., **126:** 787, 1978
report from the International Commission on Radiation Units and Measurements (edit), Wyckoff, Harold O., **127:** 549, 1978
validity of the approximation method "area/perimeter" as applied to 8 and 25-MV photon beams, Osman, Gamal E.; Tsung, Peinan, **129:** 233, 1978

Radiations, protective and therapeutic agents and devices
^{60}Co equipment malfunction, Sowell, Gene H., **129:** 241, 1978
dibutryl cyclic adenosine monophosphate: effect on radiosensitivity of tumors and normal tissues in mice, Dubravsky, N. B.; Hunter, N.; Mason, K; Withers, H. R., **126:** 799, 1978
shielding the hand during cross-compression angiography, Nusbacher, Noel; Pollak, Lester; Bryk, David, **128:** 509, 1978
spherical lead shields for megavoltage teletherapy, Morrison, Richard A., **127:** 546, 1978

Radiobiology
See also Dosimetry; Neoplasms, experimental; Radiations; Radiations, injurious effects; under names of specific diseases, organs, and regions, and under names of Radionuclides

Radiobiology, blood and hematopoietic studies
effects of intravenous vasopressin on canine mesenteric arterial blood flow, bowel oxygen consumption, and cardiac output, Athanasoulis, Christos A.; Waltman, Arthur C.; Simmons, Julian Thayer; Sheehan, Barbara; Coggins, Cecil H., (AJR), **130:** 1033, 1978

Radiobiology, cardiovascular studies
effects of intravenous vasopressin on canine mesenteric arterial blood flow, bowel oxygen consumption, and cardiac output, Athanasoulis, Christos A.; Waltman, Arthur C.; Simmons, Julian Thayer; Sheehan, Barbara; Coggins, Cecil H., (AJR), **130:** 1033, 1978

Radiobiology, cell and tissue studies
effects of negative Pi mesons on immune responses in mice, Carlson, Donald E., **126:** 803, 1978
hyperthermia and low dose-rate irradiation, Harisiadis, Leon; Sung, Duk Il; Kessaris, Nikitas; Hall, Eric J., **129:** 195, 1978
influence of temperature on the activity of ciliated cells during exposure to ionizing radiation (ab), Baldetorp, L.; Hakansson, C. H.; Baldetorp, B., **127:** 861, 1978
radiation-induced inhibition of compensatory renal growth in the weanling mouse kidney, Donaldson, Sarah S.; Moskowitz, Peter S.; Canty, Earle L.; Efron, Bradley, **128:** 491, 1978
tumor cell respiration following irradiation, Clement, Jacob J., Song, Chang W.; Sand, Theodore T., **126:** 507, 1978

Radiobiology, digestive tract studies
differential effects of pitressin on blood flow and oxygen extraction in canine vascular beds, Steckel, Richard J.; Kolin, Alexander; MacAlpin, Rex N.; Snow, Harold D.; Juillard, Guy F.; Tesler, Alan S.; Metzger, Judith, (AJR), **130:** 1025, 1978

Radiobiology, lethality studies
effects of negative Pi mesons on immune responses in mice, Carlson, Donald E., **126:** 803, 1978
multiple adjuvant therapy on a murine fibrosarcoma: actinomycin-D, x-irradiation and local tumor hyperthermia, Alfieri, A. A.; Hahn, E. W.; Kim, J. H.; Lehman, D., **129:** 225, 1978

Radiobiology, neoplastic studies
See Neoplasms, experimental

Radiobiology, oxygen enhancement
See Oxygen

Radiobiology, time-dose studies
cyclotron fast neutron RBE for late kidney damage, Geraci, Joseph P.; Thrower, Pamella D.; Mariano, Marnela, **126:** 519, 1978
dose–latent period relationship in the irradiated cervical spinal cord of the rat, Hubbard, Bethan M.; Phil, D.; Hopewell, J. W., **128:** 779, 1978
ultrasonic enhancement of cancer radiotherapy, Witcofski, Richard L.; Kremkau, Frederick W., **127:** 793, 1978

Radiobiology, urinary tract studies
comparison of the effects of 50 $MeV_{d\rightarrow Be}$ neutron and cobalt-60 irradiation of the kidneys of rhesus monkeys, Raulston, Gilbert L.; Gray, Kenneth N.; Gleiser, Chester A.; Jardine, John H.; Flow, Bryan L.; Huchton, Judy I.; Bennett, Kent R.; Hussey, David H., **128:** 245, 1978

microradiographic demonstration of pyelolymphatic backflow in the porcine kidney, Cuttino, Jr., John T.; Clark, Richard L.; Fried, Floyd A.; Stevens, Peter S., (AJR), **131:** 501, 1978
radiation-induced inhibition of compensatory renal growth in the weanling mouse kidney, Donaldson, Sarah S.; Moskowitz, Peter S.; Canty, Earle L.; Efron, Bradley, **128:** 491, 1978

Radiographs
See also Radiography

Radiographs, image analysis
detection accuracy in chest radiography, Gray, Joel E.; Taylor, Kenneth W.; Hobbs, Barry B., (AJR), **131:** 247, 1978
Mach bands in cine coronary arteriography, Randall, Patricia Ann, **129:** 65, 1978

Radiographs, interpretation
accuracy of chest film screening by technologists in the New York early lung cancer detection program, Flehinger, Betty J.; Melamed, Myron R.; Heelan, Robert T.; McGinnis, Carolyn M.; Zaman, Muhammad B.; Martini, Nael, (AJR), **131:** 593, 1978
emergency plain film radiology of the nontraumatized patient with altered consciousness, Moody, Dixon, M.; Laster, D. Wayne; Ball, Marshall R.; Crowe, James E.; McWhorter, Joe M., (RCNA), **16:** 49, 1978
improving performance by multiple interpretations of chest radiographs: effectiveness and cost, Hessel, Samuel J.; Herman, Peter G.; Swensson, Richard G., **127:** 589, 1978
pattern discrimination in matching chest radiographs: including a role for logistic distribution of observer responses, Smith, Gerald R.; van Belle, Gerald; Loop, John W., **127:** 595, 1978
telephone transmission of radiographic images, Jelaso, David V.; Southworth, Glen; Purcell, Lee H., **127:** 147, 1978

Radiographs, processing
comparison of five methods for monitoring the precision of automated x-ray film processors, Nickoloff, E. L.; Leo, F.; Reese, M., **129:** 509, 1978

Radiographs, storage and retrieval
radiology identification card and charge card: addressographic radiographic film borrowing system, Fitzpatrick, John J.; Shansky, Ronald M.; Bersky, Leon; Lewis, Augustus E.; Pinc, Roger D., **129:** 530, 1978

Radiography
See also Fluoroscopy; Holography; Radiations; Radiations, injurious effects; Xeroradiography; under procedures, as Angiography; Myelography; etc.
Guido Holzknecht (ab), del Regato, J. A., **128:** 281, 1978

Radiography, color
studies of pulmonary vasculature using chromatoroentgenography, Tanaka, Yoshiaki; Takahashi, Shinji, **126:** 527, 1978

Radiography, instrumentation
arteriography in children using an isocentric parallelogram, Fellows, Kenneth E.; Strand, Roy D., **128:** 824, 1978
bedside examination: time for analysis and appropriate action (opin), Barnhard, Howard J., **129:** 539, 1978
bedside radiographic examinations: indications and contraindications, Cantwell, Kathleen G.; Press, Jr., Harry C.; Anderson, Javan E., **129:** 383, 1978
comparison of five methods for monitoring the precision of automated x-ray film processors, Nickoloff, E. L.; Leo, F.; Reese, M., **129:** 509, 1978
direct serial magnification angiography applied to cerebral aneurysms, Shiozawa, Zenji; Ohya, Masaki; Tanaka, Yoshiaki; Maekoshi, Hisashi, **126:** 263, 1978
effects of the film/screen combination on tomographic image quality, Cohen, Gerald; Barnes, James O.; Pena, Pedro M., **129:** 515, 1978
film changer for small animals, Goldman, Martin L.; Sprawls, Perry; Weens, H. Stephen; Gilliam, William, **128:** 512, 1978
highly accurate focal spot camera—laboratory and field model, Roeck, Werner W.; Milne, Eric N. G., **127:** 779, 1978
improved visualization of the lumbar spine and sacrum in pediatric patients by use of the pneumatic compression paddle, Crowe, James; Sumner, Thomas; Ott, David, **128:** 812, 1978
350 kVp chest radiography: review and comparison with 120 kVp, Proto, Anthony V.; Lane, Edward J., (AJR), **130:** 859, 1978
light output and x-ray attenuation measurements for some commercial intensifying screens, Moores, B. Michael; Walker, Anne, **128:** 767, 1978
localizing device for x-ray sources, Benink, Robert Jan, **128:** 508, 1978
measurements of reciprocity law failure in green-sensitive x-ray films, Arnold, Ben A.; Eisenberg, Harvey; Bjarngard, Bengt E., **126:** 493, 1978
selection of technique factors for mobile capacitor energy storage x-ray equipment, Weaver, Kenneth E.; Barone, Gregory J.; Fewell, Thomas R., **128:** 223, 1978
simple method of using a shadow gonadal shield with closed incubators, Hernandez, Ramiro; Gutowski, Diana; Poznanski, Andrew K., **128:** 821, 1978
step-wedge sensitometry, Hale, John; Bloch, Peter, **128:** 820, 1978
studies of pulmonary vasculature using chromatoroentgenography, Tanaka, Yoshiaki; Takahashi, Shinji, **126:** 527, 1978
"swinging" tube: new concept, Amplatz, Kurt; Moore, Richard; Korbuly, Dominic, **128:** 783, 1978
traction device for use with Polytome table, Deeb, Z. L.; Martin, T. A.; Kerber, C. W., (AJR), **131:** 732, 1978
variable aperture fluoroscopic unit for reduced patient exposure, Rossi, Raymond P.; Wesenberg, Richard L.; Hendee, William R., **129:** 799, 1978
xeromammographic automatic exposure termination, Zeman, Gary H.; Osterman, Jr., Floyd A.; Rao, Gopala; Kirk, Barbara G.; James, Jr., A. Everette, **126:** 117, 1978

Radiography, technique
improved visualization of the lumbar spine and sacrum in pediatric patients by use of the pneumatic compression paddle, Crowe, James; Sumner, Thomas; Ott, David, **128:** 812, 1978
particle radiography and autoactivation (ab), Tobias, C. A.; Benton, E. V.; Capp, M. P.; Chatterjee, A.; Cruty, M. R.; Henke, R. P., **129:** 287, 1978
selection of technique factors for mobile capacitor energy storage x-ray equipment, Weaver, Kenneth E.; Barone, Gregory J.; Fewell, Thomas R., **128:** 223, 1978
"swinging" tube: new concept, Amplatz, Kurt; Moore, Richard; Korbuly, Dominic, **128:** 783, 1978

Radioimmunoassay
See Immunity, radioimmunoassay

Radiological societies
American Board of Radiology Examinations, **129:** 536, 1978
American College of Nuclear Physicians, **128:** 261, 1978
American College of Radiology, Arkansas Chapter, **129:** 782, 1978
American College of Radiology, Nebraska Chapter, **128:** 555, 1978
American Society of Neuroradiology: 16th annual meeting, **126:** 180, 1978
American Society of Neuroradiology, **129:** 536, 1978
American Society of Therapeutic Radiologists, **126:** 269, 1978
Arizona Radiological Society, **128:** 261, 1978
Association of University Radiologists, **128:** 555, 1978
Bavarian-American Radiological Society, **129:** 252, 1978
Canadian Association of Radiologists: 41st annual meeting, **126:** 116, 1978
Canadian Association of Radiologists, **128:** 802, 1978
Cell Kinetics Society, **129:** 252, 1978
Central New York Radiological Society, **127:** 538, 1978
Clinical Radioassay Society, **126:** 544, 1978
Dallas-Fort Worth Radiological Society, **126:** 544, 1978
East Bay Radiological Society, **126:** 269, 1978
European Society of Pediatric Radiology, **128:** 555, 1978
Fleischner Society, **126:** 544, 1978
George Simon Memorial fellowship award, **128:** 802, 1978
Georgia Radiological Society, **128:** 261, 1978
Greater Delaware Valley Ultrasound Society, **129:** 782, 1978
Greater Kansas City Radiological Society, **128:** 261, 1978
Greater Miami Radiological Society, **128:** 802, 1978
Hawaii State Radiological Society, **126:** 269, 1978
Indiana Roentgen Society, **128:** 261, 1978
International Commission on Radiological Protection, **127:** 202, 1978
international endocuriotherapy symposium, **126:** 824, 1978
Iowa Radiological Society, **127:** 820, 1978
Long Island Radiological Society, **128:** 802, 1978
Los Angeles Radiological Society, **129:** 536, 1978
Massachusetts Radiological Society, **128:** 802, 1978
Michigan Society of Therapeutic Radiologists, **129:** 782, 1978
Middle Tennessee Radiological Society, **126:** 269, 1978
Minnesota Radiological Society, **127:** 538, 1978
New England Roentgen Ray Society, **129:** 252, 1978
New England Society for Radiation Oncology, **129:** 252, 1978
New York Roentgen Society, **128:** 802, 1978
North Dakota Chapter American College of Radiology, **127:** 538, 1978
Northeastern Pennsylvania Area Radiologists, **127:** 820, 1978
Northern California Radiological Society, **129:** 536, 1978
Northwestern Ohio Radiological Society, **127:** 202, 1978
Oregon Radiological Society, **129:** 252, 1978
pacific northwest radiological society, **126:** 824, 1978
Pacific Northwest Radiological Society, **129:** 252, 1978
Pennsylvania Radiological Society, **129:** 252, 1978
Pittsburgh Roentgen Society, **129:** 782, 1978
Radiological Society of Connecticut, **129:** 252, 1978
Rochester Roentgen Ray Society, **127:** 538, 1978
Rocky Mountain Radiological Society, **126:** 544, 1978
Rocky Mountain Radiological Society, **129:** 782, 1978
San Francisco Radiological Society, **129:** 252, 1978
Society for Pediatric Radiology, **126:** 269, 1978
Society for Pediatric Radiology, **129:** 782, 1978
Society of Gastrointestinal Radiologists, **126:** 544, 1978
Society of Gastrointestinal Radiologists, **129:** 252, 1978
Society of Hungarian Radiologists: eighth congress, **126:** 116, 1978
Society of Nuclear Medicine, Greater New York Chapter, **128:** 555, 1978
society of nuclear medicine third annual western regional meeting, **126:** 732, 1978
society of uroradiology, **126:** 824, 1978
South African Radiological Congress, **126:** 116, 1978
south bay radiological society, **126:** 824, 1978
Utah State Radiological Society, **127:** 538, 1978
Western Neuroradiological Society, **127:** 820, 1978
world federation of nuclear medicine and biology second international congress, **126:** 732, 1978

Radiological Society of North America, 63rd scientific assembly and annual meeting
Erskine memorial lecture, 1977: in memory of Arthur W. Erskine, M.D. Introduction of orator, Gilbert H. Fletcher, M.D. Salzman, Ferdinand A., **127:** 1, 1978
evolution of the basic concepts underlying the practice of radiotherapy from 1949 to 1977: Erskine memorial lecture, 1977, Fletcher, Gilbert H., **127:** 3, 1978
report (edit), Eyler, William R., **126:** 533, 1978

Radiological Society of North America, 64th scientific assembly and annual meeting
enroll early for the 1978 refresher course program (edit), Campbell, Robert E., **128:** 523, 1978
film interpretation session (edit), Dodd, Gerald D.; Capitanio, Marie A.; Farman, Jack; Kaye, Jeremy J.; Putman, Charles E., **129:** 253, 1978
film interpretation session: summary of discussion and diagnoses (edit), Dodd, Gerald D.; Capitanio, Marie A.; Farman, Jack; Kaye, Jeremy J.; Putman, Charles E., **129:** 825, 1978
invitation to the 64th scientific assembly and annual meeting (edit), Pendergrass, Henry P., **128:** 517, 1978
preliminary program (edit), **129:** 253, 1978
technical exhibits (edit), **129:** 545, 1978

Radiological Society of North America
change and cooperation (edit), Gwinn, John L., **128:** 253, 1978
Henry P. Pendergrass, A.B., M.P.H., M.D., president, Radiological Society of North America (edit), Wyman, Stanley M., **126:** 531, 1978

Radiology and radiologists
See also Diagnostic radiology; Nuclear medicine; Radionuclide imaging; Therapeutic radiology

adjustable lead glass shielding device for use with an over-the-table x-ray tube, Eubig, Casimir; Groves, Bertron M.; Davey, Graham, **129:** 816, 1978
assessment of the radiologist's work load as related to various examinations and clinical departments, Madsen, Bent, **126:** 121, 1978
bedside examination: time for analysis and appropriate action (opin), Barnhard, Howard J., **129:** 539, 1978
bedside radiographic examinations: indications and contraindications, Cantwell, Kathleen G.; Press, Jr., Harry C.; Anderson, Javan E., **129:** 383, 1978
comparison radiographs in extremity injuries of childhood: current application in radiological practice, Merten, David F., **126:** 209, 1978
computed tomography in a private practice office, Ross, Ronald J., **127:** 693, 1978
diagnostic radiology: beyond mere technology (opin), Hessel, Samuel J.; Abrams, Herbert L., **129:** 249, 1978
effectiveness of glass lenses in reducing exposure to the eyes, Agarwal, Suresh K.; Friesen, Elroy J.; Huddleston, Alan L.; Rao, Ravindra P., **129:** 810, 1978
effect of screen/film combinations on diagnostic certainty: Hi-Plus/RPL versus Lanex/Ortho G in excretory urography, Thornbury, John R.; Fryback, Dennis G.; Patterson, Fred E.; Chiavarini, Robert L., (AJR), **130:** 83, 1978
efficient patient data entry system for a busy computer, Lee, Joseph M.-F.; Jones, Thomas K.; Khan, Faiz M.; Levitt, Seymour H., **126:** 818, 1978
ICRU and ICRP activities are important to radiologists and allied scientists (opin), Wyckoff, Harold O., **129:** 537, 1978
improving diagnostic accuracy: comparison of interactive and Delphi consultations (ab), Hillman, Bruce J.; Hessel, Samuel J.; Swensson, Richard G.; Herman, Peter G., **126:** 556, 1978
improving performance by multiple interpretations of chest radiographs: effectiveness and cost, Hessel, Samuel J.; Herman, Peter G.; Swensson, Richard G., **127:** 589, 1978
informal use of decision theory to improve radiological patient management, Fryback, Dennis G.; Thornbury, John R., **129:** 385, 1978
International Commission on Radiological Protection: 1978 Stockholm meeting (edit), Sowby, F. David, **129:** 533, 1978
international system of units (SI) (edit), Wyckoff, Harold O., **128:** 833, 1978
law of agency as applied to radiology (opin), James, Jr., A. Everette; Sherrard, III, Thomas J., **128:** 257, 1978
medical and health information directory. guide to state, national and international organizations, government agencies, educational institutions, hospitals, grant-award sources, health care delivery agencies, journals, newsletters, review serials, abstracting services, publishers, research centers, computerized data banks, audiovisual services, and libraries and information centers. Kruzas, Anthony T., ed. (bk rev), Reviewed by Eyler, William R., **128:** 600, 1978
medical malpractice insurance. part I: consideration of some of the factors (opin), James, Jr., A. Everette, **128:** 837, 1978
medical malpractice insurance: part II: some proposed solutions (opin), James, Jr., A. Everette, **129:** 245, 1978
pattern discrimination in matching chest radiographs: including a role for logistic distribution of observer responses, Smith, Gerald R.; van Belle, Gerald; Loop, John W., **127:** 595, 1978
percutaneous punctures: new radiological skill (opin), Sanders, Roger C., **127:** 833, 1978
radiation protection of the lens for patients and users, Littleton, Jesse T.; Durizch, Mary Lou; Perry, Nelson, **129:** 795, 1978
radiologist, the orthopedist, the lawyer, and the fracture, Renner, Robert R.; Mauler, George G.; Ambrose, J. Lee, (SR), **13:** 7, 1978
report from the International Commission on Radiation Units and Measurements (edit), Wyckoff, Harold O., **127:** 549, 1978
special angulated projections in coronary arteriography: confusion in terminology (ab), Aldridge, H. E.; McLoughlin, M. J.; Taylor, K. W., **128:** 272, 1978
telephone transmission of radiographic images, Jelaso, David V.; Southworth, Glen; Purcell, Lee H., **127:** 147, 1978
value of conventional eyeglasses for x-ray protection, Ardran, Gordon M.; Crooks, Henry E., **129:** 815, 1978
x-ray attenuation by prescription lenses, Young, R. G.; Carlton, W. H., **129:** 811, 1978

Radiology and radiologists, departmental management
quality assessment and assurance in diagnostic imaging: theoretical and practical considerations and a quality audit of the excretory urogram, Potsaid, Majic S.; Rhea, James T.; Llewellyn, Henry J.; Pfister, Richard C.; Newhouse, Jeffrey H.; Yoder, Isabel C., **127:** 583, 1978

Radiology and radiologists, design of radiological facilities
immediate pathologic confirmation of radiologic interpretations by computer feedback, Greenes, Robert A.; Bauman, Roger A.; Robboy, Stanley J.; Wieder, James F.; Mercier, Bettie A.; Altshuler, Barry S., **127:** 381, 1978
on-line computer storage, retrieval, and reporting of coded angiographic data, Budkin, Alberto; Gosselin, Arthur J.; Stokes, Jr., Thomas J., **127:** 141, 1978

Radionuclide imaging
See also under organs, regions, and procedures as Brain, radionuclide studies; Cisternography
computed transaxial imaging using single gamma emitters, Gustafson, David E.; Berggren, Michael J.; Singh, Manbir; Dewanjee, Mrinal K., **129:** 187, 1978
effect of small amounts of ^{131}I on ^{99m}Tc detection by the scintillation camera (ab), Makler, Jr., P. Todd; Eymontt, Michael J.; Bloch, Peter; Koch, Kaaron, **126:** 559, 1978
radionuclide emission computed tomography of the body of laboratory animals, Hill, Thomas C.; Costello, Philip; Davis, Michael A.; Lovett, Richard; Shulkin, Peter, **128:** 799, 1978
studies on gallium accumulation in inflammatory lesions: I. gallium uptake by human polymorphonuclear leukocytes (ab), Tsan, Min-Fu; Chen, William Y.; Scheffel, Ursula; Wagner, Jr., Henry N., **128:** 285, 1978
studies on gallium accumulation in inflammatory lesions: II. uptake by Staphylococcus aureus: concise communication (ab), Menon, Shameen; Wagner, Jr., Henry N.; Tsan, Min-Fu, **128:** 285, 1978

Radionuclide imaging, comparative studies
regional ventilation studies with Kr-81m and Xe-133: comparative analysis (ab), Schor, Robert A.; Shames, David M.; Weber, Paul M.; Dos Remedios, L. V., **128:** 861, 1978
thyroid scintigraphy: pinhole images versus rectilinear scans, Sostre, Samuel; Ashare, Alan B.; Quinones, Jose D.; Schieve, Jane B.; Zimmerman, J. Milton, **129:** 759, 1978

Radionuclide imaging, computer-assisted
camera–computer systems for rapid dynamic imaging studies, Cradduck, Trevor D.; MacIntyre, William J., (SNM), **7:** 323, 1977

Radionuclide imaging, dosimetry
technical considerations in in vivo thyroid studies, Keyes, Jr., John W.; Thrall, James H.; Carey, James E., (SNM), **8:** 43, 1978

Radionuclide imaging, experimental
studies on gallium accumulation in inflammatory lesions: III. roles of polymorphonuclear leukocytes and bacteria (ab), Tsan, Min-Fu, **129:** 285, 1978

Radionuclide imaging, in diagnosis of neoplasms
See Neoplasms, radionuclide diagnosis; under organs, regions and specific neoplasms, as Bone neoplasms, radionuclide diagnosis
application of ^{67}Ga scanning in determining the operability of bronchogenic carcinoma, Lesk, David M.; Wood, Thomas E.; Carroll, S. Edwin; Reese, Lionel, **128:** 707, 1978

Radionuclide imaging, instrumentation
automated data processing and radioassays, Samols, Ellis; Barrows, George H., (SNM), **8:** 163, 1978
camera–computer systems for rapid dynamic imaging studies, Cradduck, Trevor D.; MacIntyre, William J., (SNM), **7:** 323, 1977
comparison of whole-body-imaging methods, Rollo, F. David; Hoffer, Paul B., (SNM), **7:** 315, 1977
display systems in nuclear medicine, Brill, A. B.; Erickson, J. J., (SNM), **8:** 155, 1978
improvement of scintigrams by computer processing, Pizer, Stephen M.; Todd-Pokropek, Andrew E., (SNM), **8:** 125, 1978
instrumentation trends in nuclear medicine, Budinger, Thomas F., (SNM), **7:** 285, 1977
large-field-of-view (LFOV) scintillation cameras, Murphy, Paul H.; Burdine, John A., (SNM), **7:** 305, 1977
methods for comparing the performance of different gamma cameras, Goodwin, Paul N.; Himelstein, Ephraim, (SNM), **7:** 299, 1977
mobile gamma cameras: comparative evaluation, Royal, Henry D.; Brown, Paul H.; Claunch, Ben C., **128:** 229, 1978
multislice positron emission computed tomograph (PETT IV) yielding transverse and longitudinal images, Ter-Pogossian, Michel M.; Mullani, Nizar A.; Hood, John; Higgins, Carol S.; Currie, C. Michael, **128:** 477, 1978
technical considerations in in vivo thyroid studies, Keyes, Jr., John W.; Thrall, James H.; Carey, James E., (SNM), **8:** 43, 1978

Radionuclide imaging, physics
automated data processing and radioassays, Samols, Ellis; Barrows, George H., (SNM), **8:** 163, 1978

Radionuclide imaging, technique
application of the computer to rapid dynamic studies, Knowles, Lloyd G., (SNM), **8:** 147, 1978
diagnosis of hepatobiliary disease by ^{99m}Tc-HIDA cholescintigraphy, Rosenthall, L.; Shaffer, E. A.; Lisbona, R.; Pare, P., **126:** 467, 1978
improvement of scintigrams by computer processing, Pizer, Stephen M.; Todd-Pokropek, Andrew E., (SNM), **8:** 125, 1978
quantitative thyroid fluorescent scanning: technique and clinical experience, Thrall, James H.; Gillen, Michael T.; Johnson, Merrill C.; Corcoran, Robert J.; Wartofsky, Leonard, (AJR), **130:** 517, 1978

Radionuclides
See also Nuclear medicine; Radionuclide imaging; Therapeutic radiology; under names of individual radionuclides; and under organs and regions scanned
mechanisms of localization of gallium-67 in tumors, Larson, Steven M., (SNM), **8:** 193, 1978
medical use of gallium radionuclides: brief history with some comments, Hayes, Raymond L., (SNM), **8:** 183, 1978

Radionuclides, comparative studies
adrenal imaging agents: rationale, synthesis, formulation and metabolism, Beierwaltes, William H.; Wieland, Donald M.; Yu, Terry; Swanson, Dennis P.; Mosley, Stephen T., (SNM), **8:** 5, 1978
adrenal scanning and uptake with ^{131}I-6β-iodomethyl-nor-cholesterol, Ryo, U. Yun; Johnston, A. Sidney; Kim, Ilsup; Pinsky, Steven M., **128:** 157, 1978
clinical evaluation of tumor imaging with ^{201}Tl chloride, Hisada, Kinichi; Tonami, Norihisa; Miyamae, Tatsuya; Hiraki, Yoshio; Yamazaki, Toshio; Maeda, Tatsuo; Nakajo, Masayuki, **129:** 497, 1978
diagnosis of cerebral lesions by thallium 201, Ancri, Daniel; Basset, Jean-Yves; Lonchampt, M. F.; Etavard, Christian, **128:** 417, 1978
discordant imaging of a thyroid nodule with ^{131}I and ^{99m}Tc: concordance of ^{131}I and fluorescent scans, Thrall, James H.; Burman, Kenneth D.; Wartofsky, Leonard; Corcoran, Robert J.; Johnson, Merrill C.; Gillin, Michael T., **128:** 705, 1978
dual radionuclide study of acute myocardial infarction: comparison of thallium-201 and technetium-99m stannous pyrophosphate imaging in man (ab), Berger, Harvey J.; Gottschalk, Alexander; Zaret, Barry L., **128:** 860, 1978
evaluation of sacro-iliitis: comparison of radiological and radionuclide techniques, Dequeker, J.; Goddeeris, T.; Walravens, M.; De Roo, M., **128:** 687, 1978
^{111}In desferal: new radiopharmaceutical for abscess detection, Chandra, Ramesh; Pierno, Carmine; Braunstein, Philip, **128:** 697, 1978
quantitative clinical comparison of three ^{99m}technetium labeled brain imaging radiopharmaceuticals, Ryerson, Thomas W.; Spies, Stewart M.; Singh, N. Bhurji; Zeman, Robert K., **127:** 429, 1978
ratio of late to early radionuclide uptake: method for distinguishing osteoporosis from osteomalacia in animal models, Wilson, John S.; Genant, Harry K.; Hattner, Robert S.; Hoffer, Paul B., **126:** 185, 1978
regional ventilation studies with Kr-81m and Xe-133: comparative analysis (ab), Schor, Robert A.; Shames, David M.; Weber, Paul M.; Dos Remedios, L. V., **128:** 861, 1978

technical considerations in in vivo thyroid studies, Keyes, Jr., John W.; Thrall, James H.; Carey, James E., (SNM), **8:** 43, 1978
thallium-201 distribution in the thyroid: relationship to thyroidal trapping function, Oster, Zvi H.; Strauss, H. William; Harrison, Katharine; Burns, H. Donald; Pitt, Bertram, **126:** 733, 1978

Radionuclides, quality control
computers and quality control in nuclear medicine, Brookeman, Valerie A., (SNM), **8:** 113, 1978

Radionuclides, therapeutic
dose distribution around an ^{125}I seed source in tissue, Krishnaswamy, V., **126:** 489, 1978
effect of small amounts of ^{131}I on ^{99m}Tc detection by the scintillation camera (ab), Makler, Jr., P. Todd; Eymontt, Michael J.; Bloch, Peter; Koch, Kaaron, **126:** 559, 1978
treatment of hyperthyroidism with iodine-131, Beierwaltes, William H., (SNM), **8:** 95, 1978
treatment of thyroid carcinoma with radioactive iodine, Beierwaltes, William H., (SNM), **8:** 79, 1978

Radiopharmaceuticals
See Radionuclides

Radiosensitivity
dibutryl cyclic adenosine monophosphate: effect on radiosensitivity of tumors and normal tissues in mice, Dubravsky, N. B.; Hunter, N.; Mason, K; Withers, H. R., **126:** 799, 1978
histopathologic studies of the liver following intravenous colloidal ^{198}Au therapy, Nelson, Bill M.; Andrews, Gould A.; Watson, Evelyn E., **127:** 239, 1978

Rare earths
application of radiographic magnification technique with an ultra-high-speed rare-earth screen/film system to oral cholecystography, Imhof, Herwig; Doi, Kunio, **129:** 173, 1978
evaluation of mammographic screen-film systems, Arnold, Ben A.; Webster, Edward W.; Kalisher, Lester, **129:** 179, 1978

Raynaud's disease
radiographic findings in the hands in patients with systemic lupus erythematosus, Weissman, Barbara N.; Rappoport, Arnold S.; Sosman, J. Leland; Schur, Peter H., **126:** 313, 1978

Receiver operating characteristic curve (ROC)
pattern discrimination in matching chest radiographs: including a role for logistic distribution of observer responses, Smith, Gerald R.; van Belle, Gerald; Loop, John W., **127:** 595, 1978
thyroid scintigraphy: pinhole images versus rectilinear scans, Sostre, Samuel; Ashare, Alan B.; Quinones, Jose D.; Schieve, Jane B.; Zimmerman, J. Milton, **129:** 759, 1978

Rectum
drainage of the rectum: simple maneuver to improve the accuracy of colon examinations, Miller, Roscoe E.; Peterson, Gary H., **128:** 506, 1978
neoplasms of the large bowel following ureterosigmoidostomy (ab), Sooriyaarachchi, Gamini S.; Johnson, Robert O.; Carbone, Paul P., **127:** 566, 1978
rectal bleeding secondary to fecal disimpaction: angiographic diagnosis and treatment, Naderi, Mohammad J.; Bookstein, Joseph J., **126:** 387, 1978

Rectum, hemorrhage
aneurysm of the superior hemorrhoidal artery: unusual cause of massive rectal bleeding (ab), Pond, Gerald D.; Ovitt, Theron W.; Witte, Charles L.; Farrell, Kevin, **126:** 279, 1978
rectal wall bleeding—overlooked source of massive gastrointestinal hemorrhage (ab), Thomson, J. G.; Gold, R. E.; Grace, D. M.; Passi, R. B., **126:** 278, 1978

Rectum, neoplasms
barium granuloma of the rectum (ab), Broadfoot, E.; Martin, G., **127:** 284, 1978
colorectal tumors: pathology and detection, Ott, David J.; Gelfand, David W., (AJR), **131:** 691, 1978
primary treatment of carcinoma of the lower rectum and anal canal by a combination of external irradiation and interstitial implant, Syed, A. M. Nisar; Puthawala, Ajmel; Neblett, David; George, III, Frederick W.; Myint, U. Soe; Lipsett, James A.; Jackson, B. Richard; Flemming, Peter A., **128:** 199, 1978

Red blood cells, radionuclide studies
cardiac chamber imaging: a comparison of red blood cells labeled with Tc-99m in vitro and in vivo (ab), Hegge, Frederick N.; Hamilton, Glen W.; Larson, Steven M.; Ritchie, James L.; Richards, Powell, **128:** 284, 1978
functional asplenia in the absence of circulating Howell-Jolly bodies (ab), Dhawan, Vijay; Spencer, Richard P.; Pearson, Howard A.; Sziklas, John J., **128:** 862, 1978

Reflux
See Stomach, cardioesophageal junction; Ureters, reflux

Reiter syndrome
HLA-B27 associated arthropathies, Schumacher, Timothy M.; Genant, Harry K.; Kellet, Michael J.; Mall, Jay C.; Fye, Kenneth H., **126:** 289, 1978
Reiter disease with atlanto-axial subluxation, Latchaw, Richard E.; Meyer, George W., **126:** 303, 1978

Relative biological effectiveness
effects of negative pi mesons on immune responses in mice, Carlson, Donald E., **126:** 803, 1978

Renal angiography
See also Kidneys; Renal arteries; under individual organs of urinary system
angiographic findings following surgical treatment for renovascular hypertension, Ekelund, Leif; Gerlock, Jr., James; Goncharenko, Victor; Foster, John, **126:** 345, 1978
renal vein valves, Oleaga, Juan A.; Ring, Ernest J.; Freiman, David; Husted, James W., (AJR), **130:** 927, 1978
renal vein valves: incidence and significance, Beckmann, Carl F.; Abrams, Herbert L., **127:** 351, 1978

Renal angiography, complications
recognition of renal artery spasm during renal angiography, Spriggs, David W.; Brantley, Robert E., **127:** 363, 1978
renal failure following major angiography (ab), Swartz, Richard D.; Rubin, James E.; Leeming, Brian W.; Silva, Patricio, **129:** 856, 1978
renal peripelvic extravasation: complication of arteriography, Conoley, Patrick M.; Bernardino, Michael E.; Green, Barry, **128:** 624, 1978

Renal angiography, indications
angiographic diagnosis of acute hemorrhagic renal cortical necrosis, Tuttle, Robert J.; Minielly, John A., **126:** 637, 1978
angiographic findings in renal amyloidosis, McCormick, Thomas L.; Cho, Kyung J., (AJR), **129:** 855, 1977
autonomic hyperreflexia: serious complication of radiological procedures in patients with cervical or upper thoracic spinal cord lesions (ab), Jones, B. J.; Palmer, F. J.; Charlesworth, J. A.; Shirley, D. V.; MacDonald, G. J.; Williams, R. M.; Robertson, M. R., **128:** 857, 1978
epinephrine renal venography in severe inflammatory disease of the kidney, Goldman, Martin L.; Gorelkin, Leo; Rude, III, Joe C.; Sybers, Robert G.; O'Brien, David P., **127:** 93, 1978
microangiography of rejected human kidney transplants (ab), Kormano, M.; Kock, B.; Brotherus, V.; Lindfors, O.; Lindstrom, B., **126:** 555, 1978
non-neoplastic congenital and acquired renal arteriovenous malformations and fistulas, Cho, Kyung J.; Stanley, James C., **129:** 333, 1978
prognostic value of angiography in management of severe acute renal transplant rejection (ab), Kaude, J. V.; Fuller, Th. J.; Hawkins, Jr., I. F.; Juncos, L. I.; Pfaff, W. W., **126:** 555, 1978
prognostic value of angiography in early failure of renal transplants (ab), Laasonen, Leena, **126:** 838, 1978
"spoke-wheel" angiographic pattern in renal masses: nonspecificity (L), Older, Robert A.; Cleeve, Damien M.; Fetter, Bernard F.; Jackson, Donald A.; Weiner, Shelley N.; Bernstein, Robert G., **128:** 836, 1978
traumatic arterio-caliceal fistula, Blackwell, James E.; Potchen, E. J.; Laidlaw, W. William; Paul, Larry H., **129:** 633, 1978

Renal angiography, technique
effect of angiotensin on normal renal circulation determined by angiography and a dye dilution technique (ab), Ekelund, L.; Gothlin, J., **127:** 282, 1978
evaluation of the left renal vein in candidates for splenorenal shunts, Sones, Jr., Peter J.; Rude, III, Joe C.; Berg, David J.; Warren, W. Dean, **127:** 357, 1978
small renal pelvic carcinomas: value of epinephrine magnification angiography (ab), Chew, Qwie T.; Nouri, Mohammad Seif; Woo, Byung Hyuck, **129:** 856, 1978

Renal arteries
See also Kidneys; Malformations, arteriovenous; Renal angiography
arterial encasement in xanthogranulomatous pyelonephritis, Morehouse, Helen T.; Panchacharam, Panthmini; Friedenberg, Richard M.; Biuso, Thomas J., **128:** 617, 1978
catheter embolization of renal artery—alternative to preoperative radiotherapy of kidney tumors? (ab), Habighorst, L. V.; Kreutz, W.; Eilers, H.; Sparwasser, H. H.; Klug, B., **128:** 287, 1978
failure of steel coil occlusion in a case of hypernephroma, Jhaveri, Harish S.; Gerlock, Jr., A. James; Ekelund, Leif, (AJR), **130:** 556, 1978
fibromuscular dysplasia (ab), Paulson, George W.; Boesel, Carl P.; Evans, William E., **128:** 565, 1978
non-neoplastic congenital and acquired renal arteriovenous malformations and fistulas, Cho, Kyung J.; Stanley, James C., **129:** 333, 1978
primary renal artery dissecting aneurysm: review (ab), Rao, Chadalawada N.; Blaivas, Jerry G., **127:** 283, 1978
right posterior oblique: projection of choice in aortography of hypertensive patients, Gerlock, Jr., A. James; Goncharenko, Victor; Sloan, Oplis M., **127:** 45, 1978
selective arterial embolisation in the management of post operative renal hemorrhage (ab), Lea Thomas, M.; Lamb, G. H. R., **127:** 283, 1978

Renal arteries, abnormalities
dysplasia of the renal artery: 19 cases with radiological-anatomical correlation (ab), Lamarque, J. L.; Senac, J. P.; Bruel, J. M.; Dondelinger, R.; Gengler, L.; Fournier, A.; Thevenet, A.; Mary, H.; Boennec, M., **126:** 281, 1978

Renal arteries, fistula
traumatic arterio-caliceal fistula, Blackwell, James E.; Potchen, E. J.; Laidlaw, W. William; Paul, Larry H., **129:** 633, 1978

Renal arteries, hypertension
renovascular hypertension as a complication of umbilical arterial catheterization, Merten, David F.; Vogel, John M.; Adelman, Raymond D.; Goetzman, Boyd W.; Bogren, Hugo G., **126:** 751, 1978

Renal arteries, injuries
simulation of dysplasia of the renal artery by traumatic partial rupture: case presentation (ab), Minh, V. Tran; Devic, J.; Dubernard, J. M.; Wolff, D., **126:** 281, 1978

Renal arteries, obstruction
emergency uroradiology for the nontraumatized patient, Elkin, Milton, (RCNA), **16:** 135, 1978

Renal arteries, occlusion
See Renal arteries, stenosis

Renal arteries, spasm
recognition of renal artery spasm during renal angiography, Spriggs, David W.; Brantley, Robert E., **127:** 363, 1978

Renal arteries, stenosis
labelled Gelfoam in transcatheter arterial embolization of renal cell carcinoma, Tada, Shimpei; Sekiya, Tohru; Kino, Masao; Shintani, Yoichiro; Harada, Junta; Nanjoh, Mitsuo; Machida, Toyohei; Masuda, Fujio; Miki, Makoto; Shoji, Ryo, **128:** 825, 1978
new, simple test for renin sampling, D'Souza, Vincent J.; Tobian, Louis; Formanek, Augustin; Castaneda-Zuniga, Wilfrido R.; Gomes, Antoinette S.; Moore, Richard; Amplatz, Kurt, **129:** 351, 1978
pseudo-dysplasia of the renal artery as a cause of hypertension in renal transplant recipients (ab), Baert, A. L.; van Damme, B.; Michielsen, P.; Gruwez, J., **126:** 282, 1978
recognition of renal artery spasm during renal angiography, Spriggs, David W.; Brantley, Robert E., **127:** 363, 1978
renovascular hypertension in children and adolescents, Stanley, Philip; Gyepes, Michael T.; Olson, David L.; Gates, Gary F., **129:** 123, 1978
revascularization of totally occluded renal arteries (ab), Barry, John M.; Hodges, Clarence V., **128:** 570, 1978
simultaneous balloon occlusion of the renal artery and hypothermic perfusion in in situ surgery of the kidney (ab), Marberger, Michael; Georgi, Max; Guenther, Rolf; Hohenfellner, Rudolf, **128:** 857, 1978
use of the bristle brush for transcatheter embolization, Gomes, Antoinette S.; Rysavy, Joseph A.; Spadaccini, Cathy A.; Probst, Peter; D'Souza, Vincent; Amplatz, Kurt, **129:** 345, 1978

Renal arteries, therapeutic blockade
cyanoacrylates in transcatheter renal embolization (ab), Carmignani, G.; Belgrano, E.; Puppo, P.; Giuliani, L., **129:** 855, 1978

Renin
new, simple test for renin sampling, D'Souza, Vincent J.; Tobian, Louis; Formanek, Augustin; Castaneda-Zuniga, Wilfrido R.; Gomes, Antoinette S.; Moore, Richard; Amplatz, Kurt, **129:** 351, 1978
Respiratory distress syndrome
acute respiratory distress in the infant, Swischuk, Leonard E., (RCNA), **16:** 77, 1978
adult respiratory distress syndrome associated with miliary tuberculosis (ab), Murray, Henry W.; Tuazon, Carmelita U.; Kirmani, Nigar; Sheagren, John N., **127:** 850, 1978
chest film diagnosis of patent ductus arteriosus in infants with hyaline membrane disease, Burney, B.; Smith, W. L.; Franken, Jr., Emanuel A.; Smith, J. A.; Klatte, Eugene C., (AJR), **130:** 1149, 1978
long-term pulmonary sequelae of the Wilson-Mikity syndrome (ab), Coates, Allan L.; Bergsteinsson, Hordur; Desmond, Katharine; Outerbridge, Eugene W.; Beaudry, Pierre H., **129:** 279, 1978
medial herniation of the parietal pleura: useful sign of pneumothorax in supine neonates, Fletcher, Barry D., (AJR), **130:** 469, 1978
persistent ductus arteriosus complicating the respiratory distress syndrome (ab), Jones, R. W. A.; Pickering, D., **126:** 550, 1978
radiologic evaluation of the nontraumatized child with respiratory distress, Gay, Jr., Brit B., (RCNA), **16:** 91, 1978
suprasternal fossa on chest radiographs in newborns, Hernandez, Ramiro; Kuhns, Lawrence R.; Holt, John F., (AJR), **130:** 745, 1978
systemic air embolism secondary to respiratory therapy in the neonate: six cases including one survivor, Kogutt, Marvin S., (AJR), **131:** 425, 1978
Reticulum cell sarcoma
angiography in reticulum cell sarcoma (ab), Albrechtsson, U.; Tylen, U., **126:** 839, 1978
Retina
retinitis pigmentosa and exudative vasculopathy (ab), Fogle, Jerry A.; Welch, Robert B.; Green, W. Richard, **129:** 847, 1978
Retina, blood supply
studies of retinal blood flow: II. diabetic retinopathy (ab), Cunha-Vaz, Jose G.; Fonseca, Joaquin R.; Abreu, Jose R. F.; Lima, Joao P., **129:** 848, 1978
Retina, neoplasms
retinoblastoma treated with a ^{60}Co applicator (ab), Rosengren, B.; Tengroth, B., **127:** 861, 1978
Retinitis, pigmentosa
retinitis pigmentosa and exudative vasculopathy (ab), Fogle, Jerry A.; Welch, Robert B.; Green, W. Richard, **129:** 847, 1978
Retinoblastoma
See Retina, neoplasms
Retroperitoneal space
See also Abdomen
adrenal, retroperitoneum and lower urinary tract (bk rev), Bosniak, Morton A.; Siegelman, Stanley S.; Evans, John A., Reviewed by Pfister, Richard C., **126:** 634, 1978
computed tomography of the retroperitoneal space, Stephens, David H.; Williamson, Jr., Byrn; Sheedy, II, Patrick F.; Hattery, Robert R.; Miller, W. Eugene, (RCNA), **15:** 377, 1977
Retroperitoneal space, abscess
retroperitoneal iliac fossa pyogenic abscess, Oliff, Michael; Chuang, Vincent P., **126:** 647, 1978
Retroperitoneal space, biopsy
fluoroscopically guided thin needle aspiration biopsy of the abdomen and retroperitoneum, Pereiras, Raul V.; Meiers, Walter; Kunhardt, Bolivar; Troner, Michael; Hutson, Duane; Barkin, Jamie S.; Viamonte, Manuel, (AJR), **131:** 197, 1978
Retroperitoneal space, fibrosis
retractile mesenteritis: initial presentation as colonic obstruction, Williams, R. Gayle; Nelson, James A., **126:** 35, 1978
sonography in the diagnosis of retroperitoneal fibrosis (ab), Sanders, Roger C.; Duffy, Thomas; McLoughlin, Martin G.; Walsh, Patrick C., **127:** 285, 1978
Retroperitoneal space, neoplasms
angiography in reticulum cell sarcoma (ab), Albrechtsson, U.; Tylen, U., **126:** 839, 1978
cystic retroperitoneal lymphangioma in infants and children, Leonidas, John C.; Brill, Paula W.; Bhan, Ina; Smith, Thomas H., **127:** 203, 1978
gray scale sonographic appearance of intra-abdominal mesenchymal sarcomas, Bree, Robert L.; Green, Barry, **128:** 193, 1978
retroperitoneal lipoma in a child, Mineau, D. Edward; Nixon, George W., **126:** 456, 1978
Retroperitoneal space, ultrasound studies
gray scale sonographic appearance of intra-abdominal mesenchymal sarcomas, Bree, Robert L.; Green, Barry, **128:** 193, 1978
gray scale ultrasonography in retroperitoneal lymphangiomyomatosis, Walsh, J.; Taylor, K. J. W.; Rosenfield, A. T., (AJR), **129:** 1101, 1977
sonography in the diagnosis of retroperitoneal fibrosis (ab), Sanders, Roger C.; Duffy, Thomas; McLoughlin, Martin G.; Walsh, Patrick C., **127:** 285, 1978
ultrasonography in the evaluation of post-nephrectomy renal cancer patients, Bernardino, Michael E.; Green, Barry; Goldstein, Harvey M., **128:** 455, 1978
Rhabdomyosarcoma
See Myosarcoma
childhood rhabdomyosarcoma of the extremity: results of combined modality therapy (ab), Ransom, J. Laurence; Pratt, Charles B.; Shanks, Ellen, **127:** 576, 1978
Rhinocerebral phycomycosis
See Brain, fungus; Nose, fungus
Ribs
superior marginal rib defects in traumatic quadriplegia, Woodlief, Ray M., **126:** 673, 1978
Ribs, abnormalities
case of short rib polydactyly (ab), Bidot-Lopez, Pascual; Ablow, Ronald C.; Ogden, John A.; Mahoney, Maurice J., **128:** 856, 1978
coccygeal ribs: development and appearance in two cases, Pais, M. Joyce; Levine, Arnold; Pais, S. Osher, (AJR), **131:** 164, 1978
Ribs, injuries
decreased ^{99m}Tc sulfur colloid activity in healed rib fractures, Chafetz, Neil; Slivka, Jack; Taylor, Andrew; Alazraki, N. P.; Resnick, Donald; Goergen, Thomas, **126:** 735, 1978
Rickets
case of McCune-Albright syndrome with hyperthyroidism and vitamin D-resistant rickets (ab), Tanaka, T.; Suwa, S., **127:** 279, 1978
hypophosphatemic vitamin D-resistant rickets: metabolic balance studies in a child receiving 1,25 dihydroxyvitamin D_3, phosphate, and ascorbic acid (ab), Hirschman, Gladys H.; DeLuca, Hector F.; Chan, James C. M., **128:** 856, 1978
vitamin D-resistant rickets associated with epidermal nevus syndrome: demonstration of a phosphaturic substance in the dermal lesions (ab), Aschinberg, Lorenzo C.; Solomon, Lawrence M.; Zeis, Petros M.; Justice, Parvin; Rosenthal, Ira M., **127:** 284, 1978
Rocky Mountain spotted fever
radiographic findings in Rocky Mountain spotted fever, Lees, Richard F.; Harrison, R. Brent; Williamson, Brian R. J.; Shaffer, Jr., Hubert A., **129:** 17, 1978
Roentgenograms
See Radiographs; Radiography
Roentgen rays
See Radiography
Rothmond-Thomson syndrome
See Familial conditions; Skin

S

Saber-sheath trachea
See Trachea, stenosis
Sacro-iliac joint
applications and limitations of quantitative sacroiliac joint scintigraphy, Goldberg, Ronald P.; Genant, Harry K.; Shimshak, Robert; Shames, David, **128:** 683, 1978
craniocaudal axial view of the sacroiliac joint, Dory, Michel A.; Francois, Robert J., (AJR), **130:** 1125, 1978
evaluation of sacro-iliitis: comparison of radiological and radionuclide techniques, Dequeker, J.; Goddeeris, T.; Walravens, M.; De Roo, M., **128:** 687, 1978
HLA-B27-negative sacroiliitis: manifestation of familial Mediterranean fever in childhood (ab), Lehman, Thomas J. A.; Hanson, Virgil; Kornreich, Helen; Peters, Robert S.; Schwabe, Arthur D., **128:** 568, 1978
relationship between HLA-B27 positive peripheral arthritis and sacroiliitis, Sebes, Jeno I.; Nasrallah, Nabil S.; Rabinowitz, Jack G.; Masi, Alfonse T., **126:** 299, 1978
Sacrum
sacral agenesis: classification and review of twenty-three cases (ab), Renshaw, Thomas S., **129:** 566, 1978
Sacrum, radionuclide studies
applications and limitations of quantitative sacroiliac joint scintigraphy, Goldberg, Ronald P.; Genant, Harry K.; Shimshak, Robert; Shames, David, **128:** 683, 1978
Saethre-Chotzen syndrome
See Bones, dysostoses
Saldino-Noonan syndrome
See Bones, osteochondrodysplasias
Salivary glands, duct stenosis
sialography made easier, Harwell, Edward L., **127:** 545, 1978
Salivary glands, necrosis
necrotizing sialometaplasia involving the nasal cavity (ab), Maisel, R. H.; Johnston, W. H.; Anderson, H. A.; Cantrell, R. W., **127:** 848, 1978
Salivary glands, neoplasms
carcinoma of the major and minor salivary glands: analysis of treatment results and sites and causes of failures (ab), Fu, Karen K.; Leibel, Steven A.; Levine, Michael L.; Friedlander, Lawrence M.; Boles, Roger; Phillips, Theodore L., **127:** 576, 1978
salivary gland neoplasms as a late consequence of head and neck irradiation (ab), Schneider, Arthur B.; Favus, Murray J.; Stachura, Max E.; Arnold, Margaret J.; Frohman, Lawrence A., **127:** 288, 1978
sialography of salivary gland tumors with fluoroscopy and tomography, Kushner, David C.; Weber, Alfred L., (AJR), **130:** 941, 1978
Salivary glands, radiation effects
alterations in whole saliva flow rate induced by fractionated radiotherapy, Wescott, William B.; Mira, Joaquin G.; Starcke, Edgar N.; Shannon, Ira L.; Thornby, John I., (AJR), **130:** 145, 1978
Salivary glands, radiography
panoramic view in sialography, Azouz, E. Michel, **127:** 267, 1978
sialography made easier, Harwell, Edward L., **127:** 545, 1978
sialography of salivary gland tumors with fluoroscopy and tomography, Kushner, David C.; Weber, Alfred L., (AJR), **130:** 941, 1978
Salivary glands, therapeutic radiology
carcinoma of the major and minor salivary glands: analysis of treatment results and sites and causes of failures (ab), Fu, Karen K.; Leibel, Steven A.; Levine, Michael L.; Friedlander, Lawrence M.; Boles, Roger; Phillips, Theodore L., **127:** 576, 1978
Sarcoidosis
granulomatous biliary obstruction due to sarcoidosis: report of a case and review of the literature (ab), Bloom, Robert; Sybert, Allender; Mascatello, V. J., **128:** 853, 1978
nasal and paranasal sarcoidosis (ab), Maillard, A. A. J.; Goepfert, H., **129:** 850, 1978
neuroradiological manifestations of intracranial sarcoidosis, Bahr, Albert Lee; Krumholz, Allan; Kristt, Donald; Hodges, III, Fred J., **127:** 713, 1978
nodular pulmonary sarcoidosis: clinical, roentgenographic and physiologic course in five patients (ab), Onal, Ergun; Lopata, Melvin; Lourenco, Ruy V., **126:** 550, 1978
occurrence of lung granulomas in patients with stage I sarcoidosis, Rosen, Yale; Amorosa, Judith K.; Moon, Sanggiu; Cohen, Jeffrey; Lyons, Harold A., (AJR), **129:** 1083, 1977
posterior lymphadenopathy in sarcoidosis, Schabel, Stephen I.; Foote, George A.; McKee, Kelly A., **129:** 591, 1978
radiological findings in neurosarcoidosis (ab), Kendall, B. E.; Tatler, G. L. V., **129:** 273, 1978
reevaluation of intrathoracic lymphadenopathy in sarcoidosis, Bein, M. E.; Putman, C. E.; McLoud, Theresa C.; Mink, J. H., (AJR), **131:** 409, 1978
sarcoid-like disorder of the intracranial optic nerve: clinicopathological report of two cases (ab), Frisen, L.; Lindgren, S.; MacGregor, B. J. L.; Stattin, S., **127:** 847, 1978
sarcoidosis and mediastinal emphysema, Amorosa, Judith Korek; Schaffer, Richard M.; Smith, Peter R.; Cohen, Jeffrey R.; Robinson, Theodore, **127:** 314, 1978
sarcoidosis in hypersensitivity pneumonitis (ab), Cohen, Steven H.; Fink, Jordon N.; Garancis, John C.; Hensley, George T.; Barboriak, Joseph J.; Schlueter, Donald P., **127:** 277, 1978
use of ^{201}thallium for myocardial perfusion imaging in sarcoid heart disease (ab), Buckley, Bernardine H.; Rouleau, Jacques R.; Whittaker, James Q.; Strauss, H. William; Pitt, Bertram, **126:** 286, 1978

Sarcoma
case of the spring season: (angiosarcoma of right atrium with hemorrhagic pulmonary metastases and spontaneous pneumothorax), Starshak, Robert J., (SR), **13:** 83, 1978
chondrosarcoma of the bones of the hand (ab), Roberts, P. H.; Price, C. H. G., **126:** 279, 1978
gray scale sonographic appearance of intra-abdominal mesenchymal sarcomas, Bree, Robert L.; Green, Barry, **128:** 193, 1978
juxtacortical (parosteal) osteogenic sarcoma: histological grading and prognosis (ab), Ahuja, Subash C.; Villacin, Aquiles B.; Smith, Julius; Bullough, Peter G.; Huvos, Andrew G.; Marcove, Ralph C., **127:** 854, 1978
osteogenic sarcoma after the age of 50: radiographic evaluation, deSantos, Luis Alonso; Rosengren, Jan-Erik; Wooten, Wayne B.; Murray, John A., (AJR), **131:** 481, 1978
primary reticulum cell sarcoma of the brain in Wiskott-Aldrich syndrome: report of a case (ab), Model, Lawrence M., **128:** 280, 1978
radiotherapy of Kaposi's sarcoma (ab), Holecek, Milan J.; Harwood, Andrew R., **129:** 286, 1978
scintigraphic evaluation of childhood malignancies by ^{67}Ga-citrate, Bekerman, Carlos; Port, Ronald B.; Pang, Emily; Moohr, John W.; Kranzler, Jeffry K., **127:** 719, 1978
spleen in osteogenic sarcoma: scan and autopsy survey (ab), Spencer, Richard P.; Flannery, John T., **127:** 574, 1978
tumor visualization using ^{67}Gallium scintigraphy in children, Edeling, Carl-Johan, **127:** 727, 1978
Scaphoid bone, carpal
blood supply of the carpal scaphoid (ab), Fasol, P.; Munk, P.; Strickner, M., **128:** 278, 1978
Scheuermann disease
See Spine
Schistosomiasis
hepatic schistosomiasis: case with intrahepatic shunting and extrahepatic portal vein occlusion, Sniderman, Kenneth W.; Sos, Thomas A., (AJR), **130:** 565, 1978
Schmorl nodes
See Spine, intervertebral disks
Schwannoma
abducens nerve palsy as initial symptom of trigeminal schwannoma (ab), Yamashita, Junkoh; Asato, Renin; Handa, Hajime; Nakao, Satoshi; Ogata, Masahiro, **129:** 273, 1978
neural tumors of the thorax: subject review from the AFIP, Reed, James C.; Hallet, Kathleen Kagan; Feigin, David S., **126:** 9, 1978
primary malignant schwannoma of the gasserian ganglion: report of two cases (ab), Hedeman, Lynn S.; Lewinsky, Bernard S.; Lochridge, G. Kress; Trevor, Richard, **129:** 273, 1978
Schwartz-Jampel syndrome
See Bones, osteochondrodysplasias
Scleroderma
selective involvement of the first carpometacarpal joint in scleroderma, Resnick, Donald; Greenway, Guerdon; Vint, Vinton C.; Robinson, Charles A.; Piper, S., (AJR), **131:** 283, 1978
Sclerosis, multiple
acute multiple sclerosis with contrast-enhancing plaques (ab), Lebow, Steven; Anderson, David C.; Mastri, Angeline; Larson, David, **129:** 560, 1978
cranial CT appearance of acute multiple sclerosis (ab), Aita, John F.; Bennett, Donald R.; Anderson, Robert E.; Ziter, Fred, **129:** 559, 1978
interval computed tomography in multiple sclerosis, Weinstein, Meredith A.; Lederman, Richard J.; Rothner, A. David; Duchesneau, Paul M.; Norman, David, **129:** 689, 1978
iodide and xenon enhancement of computed tomography (CT) in multiple sclerosis (MS) (ab), Radue, E. W.; Kendall, B. E., **129:** 851, 1978
Sclerosis, tuberous
See Tuberous sclerosis
Scoliosis
See Spine, curvature
Screens
See Radiography, instrumentation
Scrotum, abnormalities
antepartum ultrasonic diagnosis of congenital hydrocele, Vanesian, Richard; Grossman, Michael; Metherell, Alexander; Flynn, John J.; Louscher, Sheila, **126:** 765, 1978
Scrotum ultrasound studies
antepartum ultrasonic diagnosis of congenital hydrocele, Vanesian, Richard; Grossman, Michael; Metherell, Alexander; Flynn, John J.; Louscher, Sheila, **126:** 765, 1978
gray scale ultrasound of the scrotum, Sample, W. F.; Gottesman, J. E.; Skinner, D. G.; Ehrlich, R. M., **127:** 225, 1978
ultrasound diagnosis of fetal hydrocele, Conrad, Anne R.; Rao, Sheshagiri A. S., **127:** 232, 1978
Sehested, Herman C.
(obit), **127:** 836, 1978
Sella turcica
aneurysmal tumors of the basifrontal region (ab), Maxwell, Robert E.; Chou, Shelley N., **126:** 547, 1978
Sella turcica, neoplasms
computed tomography of intra- and juxtasellar lesions: radiological study of 108 cases (ab), Gyldensted, C.; Karle, A., **128:** 270, 1978
Semilunar cartilages
buckled meniscus, Hall, Ferris M., **126:** 89, 1978
lesions of the menisci: autopsy incidence in adults less than fifty-five years old (ab), Noble, Jonathan, **126:** 280, 1978
spontaneous osteonecrosis of the knee and medial meniscal tears, Norman, Alex; Baker, Nancy D., **129:** 653, 1978
Seminal vesicles
normal seminal vesiculogram, Banner, Marc P.; Hassler, Randy, **128:** 339, 1978
Sensitometry
step-wedge sensitometry, Hale, John; Bloch, Peter, **128:** 820, 1978
Sequard-Brown syndrome
See Spine, ankylosis, arthritis
Sesamoid bones
fabella sign and radiologic assessment of knee joint effusion (L), Hall, Ferris M., **129:** 541, 1978
fabella sign and radiologic assessment of knee joint effusion: reply (L), Friedman, Arnold C.; Naidich, Thomas P., **129:** 541, 1978
fabella sign: fabella displacement in synovial effusion and popliteal fossa masses. normal and abnormal fabello-femoral and fabello-tibial distances, Friedman, Arnold C.; Naidich, Thomas P., **127:** 113, 1978
Shields
See Therapeutic radiology
Shoulder, arthrography
double-contrast shoulder arthrogram: review of 158 studies, Goldman, Amy Beth; Ghelman, Bernard, **127:** 655, 1978
modified technique for needle localization in arthrography of the shoulder, Wills, John S.; Diznoff, S. Barry, **128:** 830, 1978
Shoulder, dislocation
fractures and dislocations about the shoulder, Pavlov, Helene; Freiberger, Robert H., (SR), **13:** 85, 1978
trough line: radiographic sign of posterior shoulder dislocation, Cisternino, Stephan J.; Rogers, Lee F.; Stufflebam, Bradley C.; Kruglik, Gerald D., (AJR), **130:** 951, 1978
voluntary glenohumeral dislocation, Braunstein, Ethan M.; Martel, William, (AJR), **129:** 911, 1977
Shoulder, prostheses
status of total shoulder arthroplasty (ab), Cofield, Robert H., **127:** 568, 1978
Shunts, arteriovenous
angiography of chronic hemodialysis arteriovenous grafts, O'Reilly, R. J.; Hansen, C. C.; Rosental, J. J., (AJR), **130:** 1105, 1978
arteriovenous shunts involving the liver, Adler, Jonathan; Goodgold, Maurice; Mitty, Harold; Gordon, David; Kinkhabwala, Mahesh, **129:** 315, 1978
ultrasonographic evaluation of vascular access complications, Kottle, Sheldon Paul; Gonzalez, Antonio C.; Macon, Edwin J.; Fellner, Susan K., **129:** 751, 1978
Shunts, cardiac
new serial contrast technique for assessment of left to right shunting patent ductus arteriosus in the neonate (ab), Allen, Hugh D.; Sahn, David J.; Goldberg, Stanley J., **128:** 281, 1978
Shunts, portacaval
ultrasonic evaluation of portacaval shunts (ab), Goldberg, Barry B.; Patel, Jagdish, **127:** 859, 1978
Shunts, splenorenal
evaluation of the left renal vein in candidates for splenorenal shunts, Sones, Jr., Peter J.; Rude, III, Joe C.; Berg, David J.; Warren, W. Dean, **127:** 357, 1978
Shunts, ventriculoperitoneal
abdominal CSF pseudocyst secondary to ventriculoperitoneal shunt: diagnosis by computed tomography in two cases (ab), Chuang, Vincent P.; Fried, Andrew M.; Oliff, Michael; Ellis, Guy T.; Sachatello, Charles R., **127:** 854, 1978
cerebrospinal fluid intraperitoneal cyst: unusual abdominal mass, Goldfine, Susan L.; Turetz, Frank; Beck, A. Robert; Eiger, Marvin, (AJR), **130:** 568, 1978
computed tomography of the trapped fourth ventricle, Zimmerman, Robert A.; Bilaniuk, Larissa T.; Gallo, Eduardo, (AJR), **130:** 503, 1978
recurrent pseudocyst from a ventriculoperitoneal shunt: unusual abdominal mass (ab), Guice, Karen S.; Kosloske, Ann M., **128:** 571, 1978
ultrasound diagnosis of cerebrospinal fluid abdominal cyst, Lee, Timothy G.; Parsons, Paul M., **127:** 220, 1978
Sialography
See Salivary glands, radiography
Sickle cell disease (SS,SC)
increased bone marrow blood flow in sickle cell anemia demonstrated by thallium-201 and Tc-99m human albumin microspheres, Thrall, James H.; Rucknagel, Donald L., **127:** 817, 1978
massive splenic infarction in sickle cell-hemoglobin C disease: angiographic findings, Fishbone, Gerald; Nunez, Jr., Diego; Leon, Raphael; Paz, Guillermo; Isturiz, Paul; McLoughlin, Christopher, (AJR), **129:** 927, 1977
morbidity of sickle cell trait: review of the literature (ab), Sears, David A., **129:** 857, 1978
urographic findings in homozygous sickle cell disease, McCall, Iain W.; Moule, Neville; Desai, Patricia; Serjeant, Graham R., **126:** 99, 1978
Sigmoid
See Intestines
Silicosis
See Pneumoconiosis
Simethicone
patient preparation to decrease bowel gas: evaluation by an ultrasonographic measurement (ab), Sommer, Graham; Filly, Roy A., **126:** 284, 1978
Sinuses, paranasal
direct sagittal computed tomographic scans of the face and paranasal sinuses, Osborn, Anne G.; Anderson, Robert E., **129:** 81, 1978
eye dose measurements using conventional and rare-earth screens during tomography of the para-nasal sinuses (ab), Eddleston, B.; Moores, B. M.; Walker, A., **126:** 274, 1978
malignant neoplasms of the nasal cavities and paranasal sinuses: retrospective study (ab), Jackson, R. T.; Fitz-Hugh, G. S.; Constable, W. C., **127:** 560, 1978
mucoceles with intracranial and extracranial extensions: report of two cases (ab), Diaz, Fernando; Latchow, Richard; Duvall, III, Arndt J.; Quick, Cedric A.; Erickson, Donald L., **129:** 274, 1978
nasal and paranasal sarcoidosis (ab), Maillard, A. A. J.; Goepfert, H., **129:** 850, 1978
primary lymphoma of the paranasal sinuses (ab), Lehrer, Steven; Roswit, Bernard, **129:** 849, 1978
radiology of the nose, paranasal sinuses and nasopharynx. section 2 of Golden's diagnostic radiology (bk rev), Dodd, Gerald D.; Jing, Bao-Shan, Reviewed by Potter, Guy D., **127:** 664, 1978
rhinocerebral phycomycosis (ab), Yanagisawa, Eiji; Kundargi, Stanley S.; Smith, Howard W., **128:** 560, 1978
sphenoidal sinuses: radiographic patterns of normal development and abnormal findings in infants and children, Fujioka, Mutsuhisa; Young, Lionel W., **129:** 133, 1978
Sinus, frontal
See Frontal sinus
Sinus, maxillary
See Maxillary sinus
Sinus of Valsalva
echocardiographic features of an aneurysm of the left sinus of valsalva (ab), Wong, Bert Y. S.; Bogart, Douglas B.; Dunn, Marvin I., **127:** 859, 1978
Sinus, sphenoid
See Sphenoid sinus
sphenoidal sinuses: radiographic patterns of normal development and abnormal findings in infants and children, Fujioka, Mutsuhisa; Young, Lionel W., **129:** 133, 1978
Sinus, superior sagittal
dynamic radionuclide scanning in the diagnosis of thrombosis of the superior sagittal sinus (ab), Barnes, Barbara D.; Winestock, David P., **127:** 860, 1978
Sippel syndrome
See Adrenals; Thyroid
Skeleton
See Bones

Skin
Rothmund-Thomson syndrome (poikiloderma congenitale) associated with mental retardation, growth disturbance, and skeletal features (ab), Kassner, E. G.; Qazi, Q. H.; Haller, J. O., **127:** 280, 1978
skin thickness in the therapeutically irradiated breast, Libshitz, Herman I.; Montague, Eleanor D.; Paulus, Jr., David D., (AJR), **130:** 345, 1978
Skin, diseases
pharyngoesophageal manifestations of epidermolysis bullosa (ab), Kabakian, H. A.; Dahmash, N. S., **129:** 563, 1978
Skin, neoplasms
neurofibromatosis in children: 1977 Edward B. D. Neuhauser lecture, Holt, John F., (AJR), **130:** 615, 1978
time factor in brachytherapy (ab), Larra, F.; Dixon, B.; Couette, J. E.; Tigori, J.; Bachelot, F.; Robillard, J.; Delouche, G., **126:** 558, 1978
Skin, radiation effects
acute skin reactions in postoperative breast cancer patients receiving radiotherapy plus adjuvant chemotherapy, Hahn, P.; Hallberg, O.; Vikterlof, K.-J., (AJR), **130:** 137, 1978
comparison of skin doses to large fields using tangential beams from cobalt-60 gamma rays and 4—MV x-rays, Gagnon, William F; Peterson, Mary D., **127:** 785, 1978
increased skin dose using a mylar section in the treatment couch during megavoltage irradiation, Wollin, Myron; Kagan, A. Robert, **127:** 265, 1978
Skull
See also Atlas and axis; Head; Hydrocephalus; Posterior fossa; Sella turcica; Temporal bone; etc.
Skull, abnormalities
genetic perspectives on craniosynostosis and syndromes with craniosynostosis (ab), Cohen, Jr., M. Michael, **129:** 274, 1978
subtotal neonatal calvariectomy for severe craniosynostosis (ab), Hanson, James W.; Sayers, Martin P.; Knopp, Lawrence M.; Macdonald, Constance; Smith, David W., **127:** 276, 1978
Skull, anatomy
anatomical variations of the stylohyoid complex and their clinical significance (ab), Chandler, James R., **128:** 561, 1978
normal jugular spur, jugular foramen, and jugular bulb as visualized on skull and temporal bone radiographs, Sutton, Jerry S., **128:** 109, 1978
Skull, calcification
frequency of radiolucencies underlying cephalohematomas, Harris, Vivian J.; Meeks, Wrophus, **129:** 389, 1978
Skull, cysts
epidermoid and dermoid cysts: clinical evaluation and late surgical results (ab), Guidetti, Beniamino; Gagliardi, Franco M., **127:** 848, 1978
Skull, fibrous dysplasia
fibrous dysplasia of the skull—roentgenologic, computer tomographic and scintigraphic study (ab), Vogelsand, H.; Stoppler, L.; Thiele, G., **128:** 851, 1978
Skull, fractures
frequency of radiolucencies underlying cephalohematomas, Harris, Vivian J.; Meeks, Wrophus, **129:** 389, 1978
growing fractures of the skull (ab), Kingsley, Derek; Till, Kenneth; Hoare, Richard, **129:** 560, 1978
normal skull variant that may simulate a fracture, Tomsick, Thomas A., (SR), **13:** 3, 1978
skull fractures, Tomsick, Thomas A.; Chambers, A. Alan; Lukin, Robert R., (SR), **13:** 27, 1978
Skull, injuries
fracture of the occipital condyle, Bolender, Nicole; Cromwell, Laurence D.; Wendling, Lyle, (AJR), **131:** 729, 1978
Skull, neoplasms
comparative sensitivity of CT scans, radiographs and radionuclide bone scans in detecting metastatic calvarial lesions, Kido, Daniel K.; Gould, Robert; Taati, Farshid; Duncan, Andrew; Schnur, James, **128:** 371, 1978
primary cavernous haemangioma of the frontal bone: case report (ab), McIntyre, N. G.; Brebner, D. M.; Gluckman, J., **127:** 276, 1978
Skull, radiography
base of the skull: comparison of computed and conventional tomography (ab), Becker, Hartmut; Grau, Holger; Hacker, Hans; Ploder, Karl-Walter, **128:** 269, 1978
emergency plain film radiology of the nontraumatized patient with altered consciousness, Moody, Dixon, M.; Laster, D. Wayne; Ball, Marshall R.; Crowe, James E.; McWhorter, Joe M., (RCNA), **16:** 49, 1978
normal jugular spur, jugular foramen, and jugular bulb as visualized on skull and temporal bone radiographs, Sutton, Jerry S., **128:** 109, 1978
Skull, size
value of computed tomography in the evaluation of the enlarged head (ab), Kingsley, D.; Kendall, B. E., **129:** 851, 1978
Skull, surgery
subtotal neonatal calvariectomy for severe craniosynostosis (ab), Hanson, James W.; Sayers, Martin P.; Knopp, Lawrence M.; Macdonald, Constance; Smith, David W., **127:** 276, 1978
Smallpox, complications and sequelae
residual osteoarticular lesions due to smallpox, with secondary degenerative joint disease (ab), Margolis, Harold S.; Subbarao, Kakarla; Pitt, Michael J.; Boyer, John, **129:** 280, 1978
Sodium hydroxide
See Caustic agents, ingestion
Sodium nitroferricyanide
treatment of acute aortic insufficiency with sodium nitroferricyanide: documentation of beneficial effect by noninvasive means (ab), Warner, Robert A.; Bowser, Michael; Zuehlke, Stephen; Mookherjee, Sakti; Obeid, Anis I., **126:** 840, 1978
Sodium perchlorate
effect of varying dose levels of intravenous sodium perchlorate on choroid plexus visualization (ab), Tetalman, Marc R.; Scheu, John D.; Araujo, Otaviano; Sheriff, Richard A., **127:** 575, 1978
Soft tissues
See also under names of soft tissues, as Breast
Soft tissues, calcification
migrating bone shards in dissecting charcot joints, Forrester, D. M.; Magre, George, (AJR), **130:** 1133, 1978
Soft tissues, inflammation
Klippel-Trenaunay syndrome: clinical and radiological aspects, Phillips, Gail N.; Gordon, David H.; Martin, Eric C.; Haller, Jack O.; Casarella, William, **128:** 429, 1978
Soft tissues, neoplasms
angiography of extremity masses in children, Stanley, Philip; Miller, John H., (AJR), **130:** 1119, 1978
computed tomography of soft tissues and breast, McLeod, Richard A.; Gisvold, John J.; Stephens, David H.; Beabout, John W.; Sheedy, II, Patrick F., (SR), **13:** 267, 1978
computed tomography of tumors of the musculoskeletal system in children: clinical applications, Berger, Paul E.; Kuhn, Jerald P., **127:** 171, 1978
hemangiopericytoma-like tumors of the nasal cavity: comparison with hemangiopericytoma of soft tissue (ab), Compagno, John, **129:** 849, 1978
radiation-induced soft-tissue and bone sarcoma, Kim, Jae Ho; Chu, Florence C.; Woodard, Helen Q.; Melamed, Myron R.; Huvos, Andrew; Cantin, Jacques, **129:** 501, 1978
radiology of bone changes in rhabdomyosarcoma (ab), Simmons, M.; Tucker, A. K., **129:** 571, 1978
role of diagnostic radiology in the diagnosis and management of rhabdomyosarcoma in young persons (ab), Dillon, E.; Parkin, G. J. S., **129:** 571, 1978
ultrasonic evaluation of extremity soft-tissue lesions with arthrographic correlation (ab), Lawson, Thomas L.; Mittler, Sigmund, **129:** 574, 1978
Soft tissues, radiation effects
radiation induced skeletal and soft tissue bone scan changes (ab), Vieras, Frank, **126:** 846, 1978
voice change after radiotherapy: some preliminary results, Colton, Raymond H.; Sagerman, Robert H.; Chung, Chung T.; Yu, Young W.; Reed, George F., **127:** 821, 1978
Spasm
spasmodic torticollis: combined clinical study (ab), Matthews, W. B.; Beasley, Patrick; Parry-Jones, William; Garland, G., **129:** 846, 1978
Special reports
See Editorials
Sphenoid bone, neoplasms
giant cell tumour of the sphenoid bone with dural extension (ab), Ohaegbulam, Samuel C.; Gupta, Indu M., **127:** 846, 1978
Spina bifida
abdominal aorta in spina bifida cystica (ab), Watt, Iain; Park, William M., **129:** 566, 1978
neuropathic injuries to the lower extremities in children, Schneider, Robert; Goldman, Amy Beth; Bohne, Walter H. O., **128:** 713, 1978
respiratory obstruction and apnea in infants with bilateral abductor vocal cord paralysis, meningomyelocele, hydrocephalus, and Arnold-Chiari malformation (ab), Holinger, Paul C.; Holinger, Lauren D.; Reichart, Timothy J.; Holinger, Paul H., **129:** 560, 1978
Spinal cord
See also Arachnoid; Meninges
cervical myelopathy due to ossification of the posterior longitudinal ligament: clinicopathologic study (ab), Murakami, Nobuyuki; Muroga, Tatsuo; Sobue, Itsuro, **128:** 278, 1978
intradural extramedullary spinal arterio-venous malformations fed by the anterior spinal artery (ab), Djindjian, M.; Djindjian, R.; Rey, A.; Hurth, M.; Houdart, R., **126:** 837, 1978
terminal ventriculostomy for syringomyelia (ab), Gardner, W. James; Bell, Herbert S.; Poolos, Pete N.; Dohn, Donald F.; Steinberg, Marta, **126:** 837, 1978
Spinal cord, abnormalites
Aicardi's syndrome; radiologic manifestations, Phillips, Harold E.; Carter, Anthony P.; Kennedy, Jr., Joseph L.; Rosman, N. Paul; O'Connor, John F., **127:** 453, 1978
Spinal cord, abnormalities
persistence of the dens as the body of C1: case report of a rare anomaly, Swischuk, Leonard E.; Fagan, Charles J.; Sarwar, Mohammad, **127:** 330, 1978
Spinal cord, blood supply
spinal cord angiography using 4× magnification, Shiozawa, Zenji; Tanaka, Yoshiaki; Makino, Nobuichi; Sugita, Ken-ichiro, **127:** 181, 1978
Spinal cord, compression
cervical cord compression by solitary osteochondroma of the atlas (ab), Julien, J.; Riemens, V.; Vital, Cl.; Lagueny, A.; Miet, G., **129:** 569, 1978
computed tomography of the spine and spinal cord, Lee, Benjamin C. P.; Kazam, Elias; Newman, Arnold D., **128:** 95, 1978
spinal cord compression by extramedullary hematopoiesis in agnogenic myeloid metaplasia, Cromwell, Laurence D.; Kerber, Charles, **128:** 118, 1978
spinal cord compression due to pseudomonas in a heroin addict (ab), Jabbari, Bahman; Pierce, James F., **128:** 277, 1978
Spinal cord, cysts
myelographic technique for cysts in the spinal canal and spinal cord, Haughton, Victor M.; Williams, Alan L.; Cusick, Joseph F.; Meyer, Glenn A., **129:** 717, 1978
Spinal cord, diseases
myelographic technique for cysts in the spinal canal and spinal cord, Haughton, Victor M.; Williams, Alan L.; Cusick, Joseph F.; Meyer, Glenn A., **129:** 717, 1978
Spinal cord, injuries
angiography in the diagnosis of renal allograft dysfunction (ab), Scher, A. T., **128:** 857, 1978
computed tomographic evaluation of traumatic spinal injuries, Tadmor, Rina; Davis, Kenneth R.; Roberson, Glenn H.; New, Paul F. J.; Taveras, Juan M., **127:** 825, 1978
hyperalimentation catheter passing into the spinal canal causing temporary paraplegia (ab), McAlister, W. H.; Keating, J. P.; Shackelford, G. D., **129:** 855, 1978
metrizamide myelography for cervical spinal cord injuries, Leo, Jin S.; Bergeron, R. Thomas; Kricheff, Irvin I.; Benjamin, M. Vallo, **129:** 707, 1978
Spinal cord, neoplasms
computed tomography in the diagnosis of spinal cord astrocytoma (ab), Handel, Stanley; Grossman, Robert; Sarwar, Mohammed, **129:** 281, 1978
computed tomography of the spine and spinal cord, Lee, Benjamin C. P.; Kazam, Elias; Newman, Arnold D., **128:** 95, 1978
metastasizing ependymoma of the cauda equina: case report (ab), Mavroudis, Constantine; Townsend, Jeannette J.; Wilson, Charles B., **129:** 281, 1978
Spinal cord, radiation effects
radiation myelopathy of the thoracic spinal cord in long term survivors treated with radical radiotherapy using conventional fractionation (ab), Lambert, Peter M., **129:** 286, 1978
spinal cord protection during cross-fire irradiation of the intrathoracic esophagus: tube-tilt *vs.* shielding, Sewchand, Wilfred; Jones, Jr., Thomas K.; Khan, Faiz M.; Levitt, Seymour H., **126:** 239, 1978

thoracic effects of therapeutic irradiation for breast carcinoma, Meyer, Jack E., (AJR), **130:** 877, 1978

Spinal cord, radiography
See Myelography

Spinal cord, stenosis
occult lumbar spinal stenosis (ab), Choudhury, A. R.; Taylor, J. C., **127:** 855, 1978

Spinal cord, therapeutic radiology
radiation myelopathy of the thoracic spinal cord in long term survivors treated with radical radiotherapy using conventional fractionation (ab), Lambert, Peter M., **129:** 286, 1978

Spine
See also Atlas and axis; Sacroiliac joint; Spinal cord
anatomical observations of the foramina transversaria (ab), Taitz, C.; Nathan, H.; Arensburg, B., **129:** 567, 1978
bone erosions associated with intracranial arteriovenous malformation (ab), Azar-Kia, Behrooz; Palacios, Enrique; Danley, Robert, **126:** 547, 1978
exostosis after iliac bone marrow biopsy, Murphy, William A., (AJR), **129:** 1114, 1977
Scheuermann's disease: traumatic spondylodystrophy? (ab), Alexander, C. J., **127:** 280, 1978

Spine, abnormalities
computed tomography in spinal dysraphism (ab), Wolpert, Samuel M.; Scott, R. Michael; Carter, Barbara L., **126:** 836, 1978
pedicle in neurofibromatosis, Mandell, Gerald A., (AJR), **130:** 675, 1978
routine oblique radiography of the pediatric lumbar spine: is it necessary? Roberts, Fred F.; Kishore, Pulla R. S.; Cunningham, Mary E., (AJR), **131:** 297, 1978
sacral agenesis: classification and review of twenty-three cases (ab), Renshaw, Thomas S., **129:** 566, 1978
thoracic dysplasia in spondyloepiphyseal dysplasia congenita (ab), Naumoff, Peter, **127:** 567, 1978
VATER association, Barnes, John C.; Smith, Wilbur L., **126:** 445, 1978

Spine, anatomy
computed tomography of the spine and spinal cord, Lee, Benjamin C. P.; Kazam, Elias; Newman, Arnold D., **128:** 95, 1978

Spine, ankylosis, arthritis
Brown-Sequard syndrome and cervical spondylosis (ab), Jabbari, Bahman; Pierce, James F.; Boston, Susan; Echols, Dean M., **128:** 278, 1978
fractures of the thoracolumbar spine in ankylosing spondylitis, Gelman, Martin I.; Umber, James S., (AJR), **130:** 485, 1978
HLA-B27 associated arthropathies, Schumacher, Timothy M.; Genant, Harry K.; Kellet, Michael J.; Mall, Jay C.; Fye, Kenneth H., **126:** 289, 1978
radiologic aspects of diffuse idiopathic skeletal hyperostosis in the spine, Tsukamoto, Yoshiki; Onitsuka, Hideo; Lee, Kelvin, (AJR), **129:** 913, 1977

Spine, computed tomography
See Computed tomography, spine

Spine, curvature
Denver: metropolitan public school scoliosis survey (ab), Drennan, J. C.; Campbell, J. B.; Ridge, H., **126:** 280, 1978
intravertebral disk herniations: cartilaginous (Schmorl's) nodes, Resnick, Donald; Niwayama, Gen, **126:** 57, 1978
radiological features of vascular compression of the duodenum occurring as a complication of the treatment of scoliosis (cast syndrome) (ab), Griffiths, Glaslyn J.; Whitehouse, Graham H., **129:** 566, 1978
roentgen signs of emergent spines, Resnick, Donald, (RCNA), **16:** 65, 1978
scoliosis and kyphoscoliosis in rare constitutional disorders (ab), Beneux, J.; Rigault, P.; Pouliquen, J. C.; Tanguy, D.; Durand, Y.; LeHenaff, J. C., **128:** 278, 1978
scoliosis and spondylolysis-spondylolisthesis (ab), Mau, H., **128:** 568, 1978
scoliosis provoked by painful vertebral lesions (ab), Mehta, M. H.; Murray, R. O., **127:** 280, 1978

Spine, cysts
spinal arachnoid cysts in children, Duncan, Andrew W.; Hoare, Richard D., **126:** 423, 1978

Spine, dislocation
new type of fracture-dislocation of the thoracolumbar spine (ab), De Oliveira, Jose C., **129:** 566, 1978
scoliosis and spondylolysis-spondylolisthesis (ab), Mau, H., **128:** 568, 1978

Spine, fractures
acute injuries of the spine, Harris, Jr., John H., (SR), **13:** 53, 1978
computed tomographic evaluation of traumatic spinal injuries, Tadmor, Rina; Davis, Kenneth R.; Roberson, Glenn H.; New, Paul F. J.; Taveras, Juan M., **127:** 825, 1978
fractures of the thoracolumbar spine in ankylosing spondylitis, Gelman, Martin I.; Umber, James S., (AJR), **130:** 485, 1978
influence of thin-section tomography on the treatment of cervical spine injuries, Maravilla, Kenneth R.; Cooper, Paul R.; Sklar, Frederick H., **127:** 131, 1978
intravertebral vacuum cleft: sign of ischemic vertebral collapse, Maldague, Baudouin E.; Noel, Henry M.; Malghem, Jacques J., **129:** 23, 1978
new type of fracture-dislocation of the thoracolumbar spine (ab), De Oliveira, Jose C., **129:** 566, 1978
traumatic narrowing of the dorsolumbar spinal canal demonstrated by computed tomography, Colley, David P.; Dunsker, Stewart B., **129:** 95, 1978

Spine, infection
early diagnosis of disc-space infection using gallium-67 (ab), Norris, Stephen; Ehrlich, Michael G.; Keim, Daniel E.; Guiterman, Herman; McKusick, Kenneth A., **128:** 862, 1978
radiological changes in infections of the spine and their diagnostic value (ab), Allen, E. H.; Cosgrove, D.; Millard, F. J. C., **129:** 566, 1978
spectrum of intervertebral disc-space infection in children (ab), Wenger, Dennis R.; Bobechko, Walter P.; Gilday, David L., **128:** 856, 1978

Spine, injuries
acute injuries of the spine, Harris, Jr., John H., (SR), **13:** 53, 1978
hangman's fracture subsequent to shaking an infant (ab), McGrory, Bruce E.; Fenichel, Gerald M., **128:** 278, 1978
multiple level spinal injuries: importance of early recognition, Calenoff, Leonid; Chessare, Joseph W.; Rogers, Lee F.; Toerge, John; Rosen, Joel S., (AJR), **130:** 665, 1978
plea for routine radiographic examination of the cervical spine after head injury (ab), Scher, A. T., **126:** 280, 1978
significant new observations on cervical spine trauma, Miller, Michael D.; Gehweiler, John A.; Martinez, Salutario; Charlton, Oliver P.; Daffner, Richard H., (AJR), **130:** 659, 1978
traction device for use with Polytome table, Deeb, Z. L.; Martin, T. A.; Kerber, C. W., (AJR), **131:** 732, 1978
traumatic vertebrobasilar occlusive disease in childhood (ab), Zimmerman, A. W.; Kumar, A. J.; Gadoth, N.; Hodges, III, F. J., **129:** 568, 1978

Spine, intervertebral disks
intravertebral disk herniations: cartilaginous (Schmorl's) nodes, Resnick, Donald; Niwayama, Gen, **126:** 57, 1978
metrizamide epidurography in dogs, Kido, Daniel K.; Schoene, William; Baker, Richard A.; Rumbaugh, Calvin L., **128:** 119, 1978
roentgen signs of emergent spines, Resnick, Donald, (RCNA), **16:** 65, 1978
unstable apophyseal joint: early sign of lumbar disc disease (ab), Abel, Martin S., **126:** 836, 1978

Spine, mineral content
demonstration of spondylolysis by arthrography of the apophyseal joint, Ghelman, Bernard; Doherty, John H., (AJR), **130:** 986, 1978
routine oblique radiography of the pediatric lumbar spine: is it necessary? Roberts, Fred F.; Kishore, Pulla R. S.; Cunningham, Mary E., (AJR), **131:** 297, 1978
scoliosis and spondylolysis-spondylolisthesis (ab), Mau, H., **128:** 568, 1978

Spine, necrosis
intravertebral vacuum cleft: sign of ischemic vertebral collapse, Maldague, Baudouin E.; Noel, Henry M.; Malghem, Jacques J., **129:** 23, 1978

Spine, neoplasms
computed tomography of the spine and spinal cord, Lee, Benjamin C. P.; Kazam, Elias; Newman, Arnold D., **128:** 95, 1978
ultrasonography in tumors arising from the spine and bony pelvis, de Santos, Luis Alonso; Goldstein, Harvey M., (AJR), **129:** 1061, 1977

Spine, physiology
normal movements of the cervical spine, Penning, L., (AJR), **130:** 317, 1978

Spine, radiation effects
dose–latent period relationship in the irradiated cervical spinal cord of the rat, Hubbard, Bethan M.; Phil, D.; Hopewell, J. W., **128:** 779, 1978

Spine, radiography
improved visualization of the lumbar spine and sacrum in pediatric patients by use of the pneumatic compression paddle, Crowe, James; Sumner, Thomas; Ott, David, **128:** 812, 1978
influence of thin-section tomography on the treatment of cervical spine injuries, Maravilla, Kenneth R.; Cooper, Paul R.; Sklar, Frederick H., **127:** 131, 1978
peridurography with metrizamide: animal and human studies, Bromage, Philip R.; Bramwell, R. Stuart B.; Catchlove, Richard F. H.; Belanger, Gary; Pearce, Colin G. A., **128:** 123, 1978
routine oblique radiography of the pediatric lumbar spine: is it necessary? Roberts, Fred F.; Kishore, Pulla R. S.; Cunningham, Mary E., (AJR), **131:** 297, 1978

Spine, radionuclide studies
early diagnosis of disc-space infection using gallium-67 (ab), Norris, Stephen; Ehrlich, Michael G.; Keim, Daniel E.; Guiterman, Herman; McKusick, Kenneth A., **128:** 862, 1978

Spine, sclerosis
discogenic vertebral sclerosis (ab), Sauser, Donald D.; Goldman, Amy Beth; Kaye, Jeremy J., **129:** 568, 1978

Spine, stenosis
computed tomography of the spine and spinal cord, Lee, Benjamin C. P.; Kazam, Elias; Newman, Arnold D., **128:** 95, 1978

Spine, therapeutic radiology
cerebrospinal irradiation of Burkitt's lymphoma: failure in preventing central nervous system relapse (ab), Olweny, C. L. M.; Atine, I.; Kaddu-Mukasa, A.; Katongole-Mbidde, E.; Lwanga, S. K.; Johansson, B.; Onyango, J.; Host, H.; Norin, T.; Willey, B., **129:** 576, 1978

Spine, ultrasound studies
ultrasonography in tumors arising from the spine and bony pelvis, de Santos, Luis Alonso; Goldstein, Harvey M., (AJR), **129:** 1061, 1977

Spleen
splenic vein thrombosis in patients with a normal size spleen (ab), Itzchak, Yacov; Glickman, Morton G., **126:** 553, 1978

Spleen, abnormalities
sonographic diagnosis of a wandering spleen, Hunter, Tim B.; Haber, Kai, (AJR), **129:** 925, 1977

Spleen, cysts
detection of epidermoid cysts of the spleen using a combined isotopic and ultrasonic investigation (ab), Thijs, L. G.; van Huekelem, H. A.; Hoitsma, H. F. W.; Heidendal, G. A. K.; Blok, P., **128:** 862, 1978
huge splenic cyst in a newborn: comparison with 10 cases in later childhood and adolescence, Griscom, N. Thorne; Hargreaves, Hilary K.; Schwartz, Marshall Z.; Reddish, Joseph M.; Colodny, Arnold H., (AJR), **129:** 889, 1977

Spleen, hemorrhage
computed tomography of subcapsular splenic hematoma: clinical and experimental studies, Korobkin, Melvyn; Moss, Albert A.; Callen, Peter W.; DeMartini, William J.; Kaiser, Jay A., **129:** 441, 1978

Spleen, infarction
massive splenic infarction in sickle cell-hemoglobin C disease: angiographic findings, Fishbone, Gerald; Nunez, Jr., Diego; Leon, Raphael; Paz, Guillermo; Isturiz, Paul; McLoughlin, Christopher, (AJR), **129:** 927, 1977

Spleen, injuries
computed tomography of subcapsular splenic hematoma: clinical and experimental studies, Korobkin, Melvyn; Moss, Albert A.; Callen, Peter W.; DeMartini, William J.; Kaiser, Jay A., **129:** 441, 1978
further refinements in the plain radiologic diagnosis of splenic rupture: air enema, Cimmino, Christian V.; Southworth, Lawrence E., **127:** 649, 1978
nonoperative management of traumatized spleen in children: how and why (ab), Ein, Sigmund H.; Shandling, Barry; Simpson, James S.; Stephens, Clinton A., **128:** 862, 1978
radionuclide scan findings in delayed splenic rupture, Flickinger, Fred W.; Jackson, George L., **129:** 763, 1978
scintigraphy in the followup of pediatric splenic trauma treated without surgery (ab), Fischer, Keith C.; Eraklis, Angelo; Rossello, Pedro; Treves, S., **128:** 286, 1978
splenic trauma—nonoperative management and long-term follow-up by scintiscan (ab), Howman-Giles, Robert; Gilday, David L.; Venugopal, S.; Shandling, Barry; Ash, Judith M., **128:** 862, 1978

splenosis simulating an intramural gastric mass, Kutzen, Barry M.; Levy, Norman, **126:** 45, 1978

Spleen, neoplasms
angiographic diagnosis of benign and malignant splenic tumors, Kishikawa, Takashi; Numaguchi, Yuji; Watanabe, Katsushi; Matsuura, Keiichi, (AJR), **130:** 339, 1978
CT-pathologic correlations in Hodgkin's disease and non-Hodgkin's lymphoma, Breiman, Richard S.; Castellino, Ronald A.; Harell, George S.; Marshall, William H.; Glatstein, Eli; Kaplan, Henry S., **126:** 159, 1978
splenic cystic lymphangiomatosis: unusual cause of massive splenomegaly, Tuttle, Robert J.; Minielly, John A., **126:** 47, 1978

Spleen, radionuclide studies
detection of epidermoid cysts of the spleen using a combined isotopic and ultrasonic investigation (ab), Thijs, L. G.; van Huekelem, H. A.; Hoitsma, H. F. W.; Heidendal, G. A. K.; Blok, P., **128:** 862, 1978
functional asplenia in the absence of circulating Howell-Jolly bodies (ab), Dhawan, Vijay; Spencer, Richard P.; Pearson, Howard A.; Sziklas, John J., **128:** 862, 1978
liver-spleen imaging for trauma—revisited (ab), Carter, Robert; Sambhi, Rajinder P., **127:** 574, 1978
nonoperative management of traumatized spleen in children: how and why (ab), Ein, Sigmund H.; Shandling, Barry; Simpson, James S.; Stephens, Clinton A., **128:** 862, 1978
radionuclide scan findings in delayed splenic rupture, Flickinger, Fred W.; Jackson, George L., **129:** 763, 1978
renal uptake of ^{99m}Tc-sulfur colloid in congestive heart failure, Klingensmith, III, William C.; Datu, Jesus A.; Burdick, Duncan C., **127:** 185, 1978
scintigraphy in the followup of pediatric splenic trauma treated without surgery (ab), Fischer, Keith C.; Eraklis, Angelo; Rossello, Pedro; Treves, S., **128:** 286, 1978
spleen in osteogenic sarcoma: scan and autopsy survey (ab), Spencer, Richard P.; Flannery, John T., **127:** 574, 1978
splenic trauma—nonoperative management and long-term follow-up by scintiscan (ab), Howman-Giles, Robert; Gilday, David L.; Venugopal, S.; Shandling, Barry; Ash, Judith M., **128:** 862, 1978
unusual scan presentations of splenic vasculature occlusion by tumor (ab), Spencer, Richard P.; Johnson, Philip M.; Sziklas, John J., **127:** 574, 1978

Spleen, surgery
nonsurgical splenectomy, Castaneda-Zuniga, W. R.; Hammerschmidt, Dale E.; Sanchez, Ramon; Amplatz, Kurt, (AJR), **129:** 805, 1977

Spleen, ultrasound studies
detection of epidermoid cysts of the spleen using a combined isotopic and ultrasonic investigation (ab), Thijs, L. G.; van Huekelem, H. A.; Hoitsma, H. F. W.; Heidendal, G. A. K.; Blok, P., **128:** 862, 1978
sonographic diagnosis of a wandering spleen, Hunter, Tim B.; Haber, Kai, (AJR), **129:** 925, 1977
ultrasonic and computed tomographic appearance of splenic lobulations: consideration in the ultrasonic differential of masses adjacent to the left kidney, Gooding, Gretchen A. W., **126:** 719, 1978

Splenectomy
See Spleen, surgery

Splenoportography
See Portal vein; Portography

Spoke-wheel pattern
See Kidney neoplasms; Renal angiography

Spondylitis
See Spine, ankylosis, arthritis; Spine, diseases

Spondyloepiphyseal dysplasia congenita
See Spine, abnormalities; Familial conditions

Spondylolisthesis
See Spine, dislocations

Spondylolysis
See Spine, mineral content

Spondylosis
See Spine, ankylosis, arthritis

Staphylococci
studies on gallium accumulation in inflammatory lesions: II. uptake by Staphylococcus aureus: concise communication (ab), Menon, Shameen; Wagner, Jr., Henry N.; Tsan, Min-Fu, **128:** 285, 1978

Steinert disease
See Familial conditions

Sternum
recurrent osteomyelitis of the sternum (ab), Emanuel, Benjamin; Young, Norman, **126:** 554, 1978
sternal destruction in rheumatoid arthritis (ab), Perrin, Ronald L.; Poller, William R.; Perkins, D. Garth, **127:** 281, 1978

Sternum, surgery
benign pneumoperitoneum following median sternotomy incision, Glanz, Sidney; Ravin, Carl E.; Deren, M. M., (AJR), **131:** 267, 1978
kinky chest tube: sign of entrapment following median sternotomy, Berkow, Andrew E.; Salo, Bruce C., (AJR), **129:** 883, 1977

Steroids
resolving intracerebral hematoma: alteration of the "ring sign" with steroids, Laster, D. Wayne; Moody, Dixon M.; Ball, Marshall R., (AJR), **130:** 935, 1978
steroid-induced suppression of gallium uptake in tumors of the central nervous system: concise communication (ab), Waxman, Alan D.; Beldon, John R.; Richli, William; Tanasescu, Doina E.; Siemsen, Jan K., **129:** 285, 1978

Steroids, complications and sequelae
spontaneous osteonecrosis of the knee and medial meniscal tears, Norman, Alex; Baker, Nancy D., **129:** 653, 1978
steroids and apparent cerebral atrophy on computed tomography scans (ab), Bentson, John; Reza, Michael; Winter, James; Wilson, Gabriel, **128:** 268, 1978

Stevenson, Clyde A.
(obit), **127:** 556, 1978

Stomach
See also Gastrointestinal tract; Peptic ulcer; Pylorus; Radiations, injurious effects; etc.

Stomach, abnormalities
abnormal intestinal motility in gastroschisis, Oh, Kook Sang; Dorst, John P.; Dominguez, Rodrigo; Girdany, Bertram R., **127:** 457, 1978

Stomach, calcification
metastatic calcification: role of bone scanning, Venkatesh, Nagammal; Polcyn, Robert E.; Norback, Diane H., **129:** 755, 1978

Stomach, cardioesophageal junction
gastroesophageal reflux in infants and children: useful classification and reliable physiologic technique for its demonstration, McCauley, Roy G. K.; Darling, Donald B.; Leonidas, John C.; Schwartz, Alan M., (AJR), **130:** 47, 1978
pH-tested reflux without hiatus hernia, Lewicki, Ann M.; Brooks, John R.; Meguid, Michael; Membreno, Alejandro; Kia, Dariush, (AJR), **130:** 43, 1978

Stomach, dilatation
acute gastric dilatation in neglected children, Franken, Jr., E. A.; Fox, Mark; Smith, John A.; Smith, Wilbur L., (AJR), **130:** 297, 1978

Stomach, diseases
filiform polyposis, Zegel, Harry G.; Laufer, Igor, **127:** 615, 1978
natural history of the double pylorus, Hegedus, Viktor; Poulsen, Poul Ejby; Reichardt, Jens, **126:** 29, 1978

Stomach, foreign bodies
lactobezoar in an infant: unusual cause of upper abdominal tumour persisting for several weeks (ab), Sippell, W. G.; Kalb, Ch.; Fendel, H., **126:** 552, 1978
prolonged retention of foreign bodies in the stomach (ab), Mandell, Gerald A.; Rosenberg, Henrietta K.; Schnaufer, Louise, **127:** 566, 1978

Stomach, gastroesophageal junction
See Stomach, cardioesophageal junction

Stomach, inflammation
emphysematous gastritis and gastric perforation: unusual manifestation of alkaline corrosive ingestion (ab), Bernardino, Michael E.; Lawson, Thomas L., **127:** 565, 1978
inflammatory esophagogastric polyp and fold, Bleshman, Michael H.; Banner, Marc P.; Johnson, Randle C.; DeFord, James W., **128:** 589, 1978
inflammatory fibroid polyp: RPC from the AFIP, Allman, Robert M.; Cavanagh, Richard C.; Helwig, Elson B.; Lichtenstein, Joel E., **127:** 69, 1978

Stomach, mucosa
recurring hyperplastic gastric polyps following subtotal gastrectomy, Joffe, Norman; Goldman, Harvey; Antonioli, Donald A., (AJR), **130:** 301, 1978

Stomach, neoplasms
adenomyoma of the stomach (ab), Lasser, Abraham; Koufman, William B., **128:** 276, 1978
inflammatory esophagogastric polyp and fold, Bleshman, Michael H.; Banner, Marc P.; Johnson, Randle C.; DeFord, James W., **128:** 589, 1978
inflammatory fibroid polyp: RPC from the AFIP, Allman, Robert M.; Cavanagh, Richard C.; Helwig, Elson B.; Lichtenstein, Joel E., **127:** 69, 1978
profile roentgenographic features of benign greater curvature ulcers, Zboralske, F. Frank; Stargardter, Frederick L.; Harell, George S., **127:** 63, 1978
recurring hyperplastic gastric polyps following subtotal gastrectomy, Joffe, Norman; Goldman, Harvey; Antonioli, Donald A., (AJR), **130:** 301, 1978
small-bowel malabsorption and gastrointestinal malignancy, Collins, Stephen M.; Hamilton, John D.; Lewis, Terence D.; Laufer, Igor, **126:** 603, 1978
splenosis simulating an intramural gastric mass, Kutzen, Barry M.; Levy, Norman, **126:** 45, 1978
suture granuloma of the stomach following total colectomy, Belleza, Norberto A.; Lowman, Robert M., **127:** 84, 1978
ultrasonic findings in intramural exogastric lesions, Sandler, Michael A.; Ratanaprakarn, Sirimana; Madrazo, Beatrice L., **128:** 189, 1978

Stomach, obstruction
precipitation of water-soluble contrast material (Gastrografin) in the stomach in a case of outlet obstruction, Murtagh, F. Reed; Sanders, Marjorie B., **126:** 386, 1978

Stomach, perforation
emphysematous gastritis and gastric perforation: unusual manifestation of alkaline corrosive ingestion (ab), Bernardino, Michael E.; Lawson, Thomas L., **127:** 565, 1978

Stomach, polypi
See Stomach, neoplasms

Stomach, radionuclide studies
can ^{99m}Tc-pertechnetate be used to assess the secretion of gastric acid in pernicious anemia? (ab), Chaudhuri, Tapan K., **127:** 287, 1978
metastatic calcification: role of bone scanning, Venkatesh, Nagammal; Polcyn, Robert E.; Norback, Diane H., **129:** 755, 1978
pentagastrin stimulation of technetium-99m uptake by ectopic gastric muscosa in a Meckel's diverticulum, Treves, Salvador; Grand, Richard J.; Eraklis, Angelo J., **128:** 711, 1978

Stomach, stenosis
gastric outlet stenosis from Crohn disease (ab), Meissner, H.-J., **126:** 552, 1978

Stomach, surgery
tubelous hypotonic examination of the afferent loop of the Billroth II stomach (ab), Op den Orth, J. Odo, **126:** 553, 1978

Stomach, ulcers
See Peptic ulcer

Stomach, ultrasound studies
ultrasonic contrast study to identify stomach tap water microbubbles (ab), Yeh, Hsu-Chong; Wolf, Bernard S., **126:** 843, 1978
ultrasonic findings in intramural exogastric lesions, Sandler, Michael A.; Ratanaprakarn, Sirimana; Madrazo, Beatrice L., **128:** 189, 1978

Stomach, varices
recognition of splenic vein occlusion, Cho, Kyung J.; Martel, William, (AJR), **131:** 439, 1978

Strobotomography
See Tomography

Stroke
See Cerebral blood vessels

Strongyloidiasis
Strongyloides stercoralis colitis: findings in four cases, Drasin, George F.; Moss, James P.; Cheng, Samuel H., **126:** 619, 1978

Stylohyoid process
See Skull

Subarachnoid space
metrizamide ventriculography and computed tomography in lesions about the third ventricle, Strand, Roy D.; Baker, Richard A.; Ordia, Idahosa J.; Arkins, Thomas J., **128:** 405, 1978
multiple meningeal diverticula and cysts associated with duplications of the sheaths of spinal nerve posterior roots (ab), Nathan, Hilel; Rosner, Samuel, **127:** 855, 1978

Subarachnoid space, abnormalities
enlargement of subarachnoid spaces and lateral ventricles in pediatric patients undergoing chemotherapy (ab), Enzmann, Dieter R.; Lane, Barton, **129:** 557, 1978

Subarachnoid space, hemorrhage
computed tomography and subarachnoid hemorrhage (ab), Liliequist, B.; Lindqvist, M.; Valdimarsson, E., **128:** 267, 1978

pineocytomas presenting as subarachnoid hemorrhage: report of two cases (ab), Steinbok, Paul; Dolman, Clarisse L.; Kaan, Ken, **128:** 267, 1978
subarachnoid haemorrhage of unknown aetiology: clinical and radiological study of 51 cases (ab), Hayward, R. D., **128:** 267, 1978

Subclavian steal syndrome
See Arteries, subclavian

Subdural hematoma
See Meninges, hemorrhage

Subtraction
congenital pulmonary atresia with ventricular septal defect: angiographic and surgical correlates, Davis, George D.; Fulton, Richard E.; Ritter, Donald G.; Mair, Douglas D.; McGoon, Dwight C., **128:** 133, 1978

Sudden infant death syndrome (SIDS)
sudden infant death syndrome (SIDS): echocardiographic studies in relatives of infants with SIDS (ab), Maron, Barry J.; Clark, Chester E.; Goldstein, Robert E.; Epstein, Stephen E., **127:** 859, 1978

Suffron, Jr., Ben F.
(obit), **128:** 843, 1978

Suprarenal glands
See Kidneys

Suprasternal fossa
suprasternal fossa on chest radiographs in newborns, Hernandez, Ramiro; Kuhns, Lawrence R.; Holt, John F., (AJR), **130:** 745, 1978

Surgery, complications
gossypiboma—the problem of the retained surgical sponge, Williams, R. Gayle; Bragg, David G.; Nelson, James A., **129:** 323, 1978
suture granuloma of the stomach following total colectomy, Belleza, Norberto A.; Lowman, Robert M., **127:** 84, 1978

Swan-Ganz intracardiac catheters
See Heart, ultrasound studies; Catheters and catheterization

Swyer-James syndrome
See Emphysema, pulmonary

Synovial membrane
fabella sign and radiologic assessment of knee joint effusion (L), Hall, Ferris M., **129:** 541, 1978
fabella sign and radiologic assessment of knee joint effusion: reply (L), Friedman, Arnold C.; Naidich, Thomas P., **129:** 541, 1978
fabella sign: fabella displacement in synovial effusion and popliteal fossa masses. normal and abnormal fabello-femoral and fabello-tibial distances, Friedman, Arnold C.; Naidich, Thomas P., **127:** 113, 1978
proximal tibiofibular joint: anatomic-pathologic-radiographic correlation, Resnick, Donald; Newell, John D.; Guerra, Jr., Jose; Danzig, Larry A.; Niwayama, Gen; Goergen, Thomas G., (AJR), **131:** 133, 1978

Syphilis
congenital syphilitic hepatitis: radionuclide study, Gates, Gary F.; Stanley, Philip; Gwinn, John L.; Miller, John H., **128:** 163, 1978

Syringomyelia
computed tomography in syringomyelia and the associated Arnold-Chiari type I malformation (ab), Forbes, W. St. C.; Isherwood, I., **129:** 855, 1978
terminal ventriculostomy for syringomyelia (ab), Gardner, W. James; Bell, Herbert S.; Poolos, Pete N.; Dohn, Donald F.; Steinberg, Marta, **126:** 837, 1978

T

Tantalum
tantalum tracheography in upper airway obstruction: 100 experiences in adults, Stitik, Frederick P.; Bartelt, Detlef; James, Jr., A. Everette; Proctor, Donald F., (AJR), **130:** 35, 1978

Technetium, radioactive
See also Radionuclides; under organs and regions scanned, as Bones, radionuclide studies
technetium-99m stannous phytate as an imaging agent for lymph nodes (ab), Alavi, Abass; Staum, Muni M.; Shesol, Barry F.; Bloch, Peter H., **128:** 862, 1978

Technologists
accuracy of chest film screening by technologists in the New York early lung cancer detection program, Flehinger, Betty J.; Melamed, Myron R.; Heelan, Robert T.; McGinnis, Carolyn M.; Zaman, Muhammad B.; Martini, Nael, (AJR), **131:** 593, 1978

Teeth
tricho-dento-osseous syndrome: scanning electron microscope analysis (ab), Melnick, Michael; Shields, Edward D.; El-Kafrawy, A. H., **127:** 569, 1978

Television
closed-circuit television monitoring of problematic radiotherapy patients, Popkin, Michael K.; Prem, Konald A.; Hall, Richard C. W.; Cairns, Lawrence C.; Jones, Jr., Thomas K., **127:** 832, 1978
telephone transmission of radiographic images, Jelaso, David V.; Southworth, Glen; Purcell, Lee H., **127:** 147, 1978

Temporal bone
giant air cells of the petrous apex: tomographic features, Dubois, Philip J.; Roub, Leslie W., **129:** 103, 1978
interesting normal variant of the temporal bone, Shapiro, Robert, **128:** 354, 1978
normal jugular spur, jugular foramen, and jugular bulb as visualized on skull and temporal bone radiographs, Sutton, Jerry S., **128:** 109, 1978
pulsatile tinnitus: role of angiography (ab), Holgate, Richard C.; Wortzman, George; Noyek, Arnold M.; Makerewica, Len; Coates, Robert M., **127:** 845, 1978

Temporal bone, neoplasms
management of malignancy of the temporal bone (ab), Gacek, Richard R.; Goodman, Max, **128:** 560, 1978
meningiomas of the temporal bone (ab), Guzowski, Jacobo; Paparella, Michael M.; Rao, Kommareddi Nageswara; Hoshino, Tomoyuki, **126:** 273, 1978
metastatic disease of the temporal bone (ab), Stucker, Fred J.; Holmes, William F., **126:** 273, 1978

Temporomandibular joint
See Jaws

Tendinitis
See Tendons

Tendons
calcific tendinitis of the neck, Newmark, III, Harris; Forrester, D. M.; Brown, J. C.; Robinson, Alvin; Olken, Sherwin M.; Bledsoe, Raleigh, **128:** 355, 1978
intra- and extraosseous xanthomata associated with hyperlipidemia, Yaghmai, Issa, **128:** 49, 1978
pre-Achilles fat pad: aid to early diagnosis of local or systemic disease (ab), Goodman, L. R.; Shanser, J. D., **127:** 281, 1978
radiographic diagnosis of acute peroneal tendon dislocation, Church, Charles C., (AJR), **129:** 1065, 1977
retropharyngeal tendinitis, Haun, Cosmo L., (AJR), **130:** 1137, 1978

Teratoma
characteristics of calcification in tumors of the pineal gland, Lin, Shu-Ren; Crane, Michael D.; Lin, Zwu-Shin; Bilaniuk, Larissa; Plassche, Jr., Walter M.; Marshall, Larry; Spataro, Robert F., **126:** 721, 1978
radiographic findings in ovarian teratomas in children, Siegel, Marilyn J.; McAlister, William H.; Shackelford, Gary D., (AJR), **131:** 613, 1978

Testes, abnormalities
antepartum ultrasonic diagnosis of congenital hydrocele, Vanesian, Richard; Grossman, Michael; Metherell, Alexander; Flynn, John J.; Louscher, Sheila, **126:** 765, 1978

Testes, neoplasms
analysis of pattern of recurrence in non-seminomatous testicular tumor, Lee, Myung-Sook; Hendrickson, Frank R., **127:** 775, 1978
changes in the lymphatic dynamics after retroperitoneal lymph node dissection (ab), Jonsson, Kjell; Wallace, Sidney; Jing, Bao-Shan; Johnson, Douglas E.; Dodd, Gerald D., **127:** 278, 1978
correlation of computed tomography and serum tumor markers in metastatic retroperitoneal testicular tumor (ab), Javadpour, Nasser; Doppman, John L.; Bergman, Stuart M.; Anderson, Tom, **129:** 571, 1978
evaluation of pedal lymphangiography in staging non-seminomatous testicular carcinoma (ab), Storm, P. B.; Kern, A.; Loening, S. A.; Brown, R. C.; Culp, D. A., **127:** 278, 1978
treatment of testicular tumors, Fayos, Juan V.; Kim, Young H., **128:** 471, 1978
ultrasonography of the testis—correlation with radiotracer perfusion (ab), Winston, M. A.; Handler, S. J.; Pritchard, J. H., **129:** 575, 1978
why retroperitoneal lymphadenectomy for testicular tumors? (ab), Caldwell, William L., **129:** 570, 1978

Testes, radionuclide studies
division of spermatic vessels in orchiopexy: radionuclide evidence of preservation of testicular circulation (ab), Datta, Nand S.; Tanaka, Toshiyuki; Zinner, Norman R.; Mishkin, Fred S., **126:** 559, 1978
ultrasonography of the testis—correlation with radiotracer perfusion (ab), Winston, M. A.; Handler, S. J.; Pritchard, J. H., **129:** 575, 1978

Testes, surgery
division of spermatic vessels in orchiopexy: radionuclide evidence of preservation of testicular circulation (ab), Datta, Nand S.; Tanaka, Toshiyuki; Zinner, Norman R.; Mishkin, Fred S., **126:** 559, 1978

Testes, torsion
acute nontraumatic genitourinary problems in infants and children, Swischuk, Leonard E., (RCNA), **16:** 147, 1978

Testes, ultrasound studies
gray scale ultrasound of the scrotum, Sample, W. F.; Gottesman, J. E.; Skinner, D. G.; Ehrlich, R. M., **127:** 225, 1978
ultrasonography of the testis—correlation with radiotracer perfusion (ab), Winston, M. A.; Handler, S. J.; Pritchard, J. H., **129:** 575, 1978

Testes, undescended
pulmonary complications associated with prune-belly syndrome, Alford, Bennett A.; Peoples, W. M.; Resnick, Jack S.; L'Heureux, Philippe R., **129:** 401, 1978
screening urography in asymptomatic cryptorchid patients (ab), Noe, H. Horman; Patterson, Thomas H., **129:** 282, 1978

Thallium, radioactive
abnormal peripheral distribution of thallium-201 due to arteriosclerosis, Glass, Edwin C.; DeNardo, Gerald L., (AJR), **131:** 718, 1978
clinical experience of tumor imaging with ^{201}Tl-chloride (ab), Tonami, Norihisa; Hisada, Kinichi, **126:** 846, 1978
correlation between intracoronary ^{201}Tl myocardial scanning, coronary angiography and left ventriculography, D'Souza, Vincent J.; Schwartz, Jeffrey S.; Amplatz, Kurt, **127:** 433, 1978
diagnosis of cerebral lesions by thallium 201, Ancri, Daniel; Basset, Jean-Yves; Lonchampt, M. F.; Etavard, Christian, **128:** 417, 1978
diagnosis of coronary artery disease with ^{201}Tl: computer analysis of myocardial perfusion images, Fletcher, James W.; Walter, Kenneth E.; Witztum, Kathryn F.; Daly, James L.; Herbig, Francis K.; Mueller, Hiltrud S.; Donati, Robert M., **128:** 423, 1978
dual radionuclide study of acute myocardial infarction: comparison of thallium-201 and technetium-99m stannous pyrophosphate imaging in man (ab), Berger, Harvey J.; Gottschalk, Alexander; Zaret, Barry L., **128:** 860, 1978
increased bone marrow blood flow in sickle cell anemia demonstrated by thallium-201 and Tc-99m human albumin microspheres, Thrall, James H.; Rucknagel, Donald L., **127:** 817, 1978
simultaneous detection of myocardial perfusion and wall motion abnormalities by cinematic ^{201}Ti imaging, Alderson, Philip O.; Wagner, Jr., Henry N.; Gomez-Moeiras, Juan J.; Rehn, Terry G.; Becker, Lewis C.; Douglas, Kenneth H.; Manspeaker, Henry F.; Schindledecker, Gregory R., **127:** 531, 1978
thallium-201 distribution in the thyroid: relationship to thyroidal trapping function, Oster, Zvi H.; Strauss, H. William; Harrison, Katharine; Burns, H. Donald; Pitt, Bertram, **126:** 733, 1978
year's experience with 201-thallium myocardial perfusion in the diagnosis of coronary perfusion defects (ab), Lutolf, U. M.; Schneider, E.; Glanzmann, Ch.; Nuesch, K.; Pfeiffer, F.; Krayenbuhl, H. P.; Horst, W., **127:** 574, 1978

Therapeutic radiology
See also Oxygen; Radiations, injurious effects; Radiobiology; under names of diseases, organs and regions, etc.
evolution of the basic concepts underlying the practice of radiotherapy from 1949 to 1977: Erskine memorial lecture, 1977, Fletcher, Gilbert H., **127:** 3, 1978

Therapeutic radiology, computer-assisted
computer-controlled radiation therapy, Levene, Martin B.; Kijewski, Peter K.; Chin, Lee M.; Bjarngard, Bengt E.; Hellman, Samuel, **129:** 769, 1978

CT determination of parameters for inhomogeneity corrections in radiation therapy of the esophagus, Fullerton, Gary D.; Sewchand, Wilfred; Payne, J. Thomas; Levitt, Seymour H., **126:** 167, 1978
role of computers in radiation therapy: analysis of clinical radiotherapy data, Fischer, James J., **129:** 783, 1978

Therapeutic radiology, departmental operations
efficient patient data entry system for a busy computer, Lee, Joseph M.-F.; Jones, Thomas K.; Khan, Faiz M.; Levitt, Seymour H., **126:** 818, 1978

Therapeutic radiology, dosimetry
alterations in whole saliva flow rate induced by fractionated radiotherapy, Wescott, William B.; Mira, Joaquin G.; Starcke, Edgar N.; Shannon, Ira L.; Thornby, John I., (AJR), **130:** 145, 1978
comparison of skin doses to large fields using tangential beams from cobalt 60 gamma rays and 4—MV x-rays, Gagnon, William F; Peterson, Mary D., **127:** 785, 1978
computer-controlled radiation therapy, Levene, Martin B.; Kijewski, Peter K.; Chin, Lee M.; Bjarngard, Bengt E.; Hellman, Samuel, **129:** 769, 1978
CT determination of parameters for inhomogeneity corrections in radiation therapy of the esophagus, Fullerton, Gary D.; Sewchand, Wilfred; Payne, J. Thomas; Levitt, Seymour H., **126:** 167, 1978
dose distribution around an ^{125}I seed source in tissue, Krishnaswamy, V., **126:** 489, 1978
dose-time relationship: computation of cell lethality following fractionated radiation therapy (ab), Cohen, Lionel, **129:** 286, 1978
dosimetry for tangential chest wall irradiation, Fessenden, Peter; Palos, Bernice B.; Karzmark, Clarence J., **128:** 485, 1978
dosimetry of beams for negative pi-meson radiation therapy (ab), Dicello, J. F.; Fessenden, P.; Henkelman, R. M., **129:** 287, 1978
effect of air space on depth dose in electron beam therapy, Khan, Faiz M.; Sewchand, Wilfred; Levitt, Seymour H., **126:** 249, 1978
electron beam calibration constants, Lane, Richard G.; Lake, David, **126:** 259, 1978
experimental "trans-mol/bdenum" tube for mammography, Johnson, G. Allan; O'Foghludha, F., **127:** 511, 1978
measurement of tissue heterodensity to guide charged particle radiotherapy (ab), Goitein, Michael, **129:** 287, 1978
orthogonal fields: variations in dose *vs.* gap size for treatment of the central nervous system, Bukovitz, Andrew G.; Deutsch, Melvin; Slayton, Robert, **126:** 795, 1978
sixth interim progress report of the British Institute of Radiology fractionation study of 3F–week versus 5F–week in radiotherapy of the laryngo-pharynx (ab), Wiernik, G.; Bleehen, N. M.; Brindle, J.; Bullimore, J.; Churchill-Davidson, I. F. J.; Davidson, J.; Fowler, J. F.; Francis, P., **129:** 286, 1978
sixth interim progress report of the British Institute of Radiology fractionation study of 3F–week versus 5F–week in radiotherapy of the laryngo-pharynx (ab), Hadden, R. C. M.; Haybittle, J. L.; Howard, N.; Lansley, I. F.; Lindup, R.; Phillips, D. L.; Skeggs, D., **129:** 286, 1978
spinal cord protection during cross-fire irradiation of the intrathoracic esophagus: tube-tilt *vs.* shielding, Sewchand, Wilfred; Jones, Jr., Thomas K.; Khan, Faiz M.; Levitt, Seymour H., **126:** 239, 1978
systematic patient-dose errors for 4- and 10-MeV microwave linear accelerators associated with rectangular collimator settings, Moyer, Robert F., **129:** 803, 1978
technique quebecoise de dosimetrie clinique (bk rev), Legare, Jean-Marc; Bresse, Jacques, Reviewed by Martin, Flavious B., **129:** 168, 1978
time–dose effects in the matching of adjacent radiotherapy fields, Tatcher, Morris; Yudelev, Mark, **126:** 253, 1978
variations in depth-dose data between open and wedge fields for 4-MV x-rays, Sewchand, Wilfred; Khan, Faiz M.; Williamson, Jeffrey, **127:** 789, 1978

Therapeutic radiology, experimental
dibutryl cyclic adenosine monophosphate: effect on radiosensitivity of tumors and normal tissues in mice, Dubravsky, N. B.; Hunter, N.; Mason, K; Withers, H. R., **126:** 799, 1978
dietary enhancement of intestinal radioresistance during fractionated irradiation, Pageau, Raymond; St-Pierre, Celine, **129:** 205, 1978
enhancement of lung colony-forming efficiency by local thoracic irradiation: interpretation of labeled cell studies, Peters, Lester J.; Mason, Kathryn; McBride, William H.; Patt, Yehuda Z., **126:** 499, 1978
ultrasonic enhancement of cancer radiotherapy, Witcofski, Richard L.; Kremkau, Frederick W., **127:** 793, 1978

Therapeutic radiology, hyperbaric, hypoxic
See Oxygen

Therapeutic radiology, instrumentation
accelerators for pion clinical facilities (ab), Knapp, E. A., **129:** 287, 1978
beam anomaly for a cobalt-60 teletherapy machine, Aoki, Chuck T., **128:** 807, 1978
^{60}Co equipment malfunction, Sowell, Gene H., **129:** 241, 1978
computer-controlled radiation therapy, Levene, Martin B.; Kijewski, Peter K.; Chin, Lee M.; Bjarngard, Bengt E.; Hellman, Samuel, **129:** 769, 1978
device for insuring the congruency of opposed irregularly blocked fields, Simpkins, Gary S.; Urie, Marcia; Kadish, Sidney P., **126:** 261, 1978
dosimetry of beams for negative pi-meson radiation therapy (ab), Dicello, J. F.; Fessenden, P.; Henkelman, R. M., **129:** 287, 1978
experience with a pair of matched diodes for constancy checks, Deye, James A.; Padikal, Thomas N., **129:** 525, 1978
increased skin dose using a mylar section in the treatment couch during megavoltage irradiation, Wollin, Myron; Kagan, A. Robert, **127:** 265, 1978
Los Alamos scientific laboratory ion linear accelerator program (ab), Knapp, E. A.; Swenson, D. A., **129:** 287, 1978
neutron source development at the Cyclotron Corporation (ab), Hendry, G. O.; Hilton, J. L.; Tom, J. L., **129:** 288, 1978
operational characteristics of two types of sealed-tube fast-neutron radiotherapy installations (ab), Broerse, Johan J.; Greene, David; Lawson, Robert C.; Mijnheer, Ben J., **129:** 288, 1978
patient immobilization with a low-temperature splint/brace material, Barish, Robert J.; Lerch, Irving A., **127:** 548, 1978
present and future sources of protons and heavy ions (ab), Grunder, Hermann A.; Leemann, Christoph W., **129:** 287, 1978
spherical lead shields for megavoltage teletherapy, Morrison, Richard A., **127:** 546, 1978
systematic patient-dose errors for 4- and 10-MeV microwave linear accelerators associated with rectangular collimator settings, Moyer, Robert F., **129:** 803, 1978
three dose components of a negative pion beam and their role in pion radiotherapy, Richman, Chaim; Rodriguez, Jr., Joe F.; Malcom, Jack E.; Stein, Myron L., **128:** 757, 1978
whole body repositioning system, Lane, Richard G.; Lake, David; Rosen, Isaac I.; Kelsey, Charles A., **126:** 258, 1978

Therapeutic radiology, interstitial and intracavitary
assessment of neutron/gamma-ray dose ratios in intracavitary ^{252}Cf neutron therapy, Tai, Douglas L.; Maruyama, Yosh, **128:** 795, 1978
complications following parametrial radiogold treatment for cervical carcinoma (ab), Kao, Ming-Shian; Srisuro, Chotchai; Camel, H. Marvin, **128:** 576, 1978
^{137}Cs afterloading intrauterine packing for stage I and stage II adenocarcinoma of the endometrium, Luk, Kenneth H.; Castro, Joseph R.; Meyler, Thomas S., **129:** 229, 1978
method of increasing the linear activity of ^{192}Ir sources for interstitial implantation, Marks, James E.; Oliver, George D.; Velkley, Donald, **128:** 511, 1978
orthogonal xeroradiography for ^{125}I seed implantation, Mantravadi, Rao; Liebner, Edwin J.; Ginde, Jayant V.; Haas, Richard E., **127:** 832, 1978
primary treatment of carcinoma of the lower rectum and anal canal by a combination of external irradiation and interstitial implant, Syed, A. M. Nisar; Puthawala, Ajmel; Neblett, David; George, III, Frederick W.; Myint, U. Soe; Lipsett, James A.; Jackson, B. Richard; Flemming, Peter A., **128:** 199, 1978
time factor in brachytherapy (ab), Larra, F.; Dixon, B.; Couette, J. E.; Tigori, J.; Bachelot, F.; Robillard, J.; Delouche, G., **126:** 558, 1978
use of ultrasonography in planning intracavitary radiotherapy of endometrial carcinoma, Brascho, Donn J.; Kim, Robert Y.; Wilson, Edwina E., **129:** 163, 1978

Therapeutic radiology, nutrition
dietary enhancement of intestinal radioresistance during fractionated irradiation, Pageau, Raymond; St-Pierre, Celine, **129:** 205, 1978

Therapeutic radiology, postoperative
elective postoperative radiotherapy for locally advanced colorectal cancer: preliminary report (ab), Turner, S. S.; Vieira, E. F.; Ager, P. J.; Alpert, S.; Efron, G.; Ragins, H.; Weil, P.; Ghossein, N. A., **126:** 285, 1978
treatment of carcinoma of the middle ear, Sinha, Purendra Prasad; Ibn Aziz, Hasan, **126:** 485, 1978

Therapeutic radiology, preoperative
comparative study of two preoperative radiation regimens with cystectomy for bladder cancer (ab), Whitmore, Jr., W. F.; Batata, M. A.; Hilaris, B. S.; Reddy, G. N.; Unal, A.; Choneim, M. A.; Grabstald, H.; Chu, F., **126:** 845, 1978

Therapeutic radiology, radiographic localization
improved technique for obtaining teletherapy portal radiographs with high-energy photons, Galkin, Benjamin M.; Wu, Raymond K.; Suntharalingam, Nagalingam, **127:** 828, 1978

Therapeutic radiology, technique
closed-circuit television monitoring of problematic radiotherapy patients, Popkin, Michael K.; Prem, Konald A.; Hall, Richard C. W.; Cairns, Lawrence C.; Jones, Jr., Thomas K., **127:** 832, 1978
developments in radiotherapy other than heavy particle beams (ab), Fowler, J. F., **129:** 287, 1978
electron-beam radiographs, Keller, Bowen E., **128:** 830, 1978
future neutron therapy clinical trials in the United States (ab), Rogers, Charles C.; Hussey, David H.; Parker, Robert A.; Cohen, Lionel, **129:** 288, 1978
history of the use of neutrons in radiation therapy (ab), Brennan, James T., **129:** 287, 1978
introduction to the use of protons and heavy ions in radiation therapy: historical perspective (ab), Boone, Max L.; Lawrence, John H.; Connor, William G.; Morgado, Richard; Hicks, John A.; Brown, Richard C., **129:** 287, 1978
preliminary results using twice-a-day fractionation in the radiotherapeutic management of advanced cancers of the head and neck, Jampolis, Samuel; Pipard, Gudrun; Horiot, Jean-Claude; Bolla, Michel; Le Dorze, Christian, (AJR), **129:** 1091, 1977
present status of low-LET radiation in the management of cancers: challenge to high-LET radiation (ab), Fletcher, Gilbert H., **129:** 287, 1978
retinoblastoma treated with a ^{60}Co applicator (ab), Rosengren, B.; Tengroth, B., **127:** 861, 1978
treatment failure sites according to irradiation technique and histology in patients with endometrial cancer (ab), Landgren, Robert D.; Fletcher, Gilbert H.; Gallager, H. Stephen; Delclos, Luis; Wharton, J. Taylor, **126:** 285, 1978
ultrasonic evaluation of radiation therapy ports (ab), Carter, Stephen J.; Denney, John D.; Tesh, Donald W.; Marty, Raymond; Davis, M. Christine, **126:** 284, 1978
variations in depth-dose data between open and wedge fields for 4-MV x-rays, Sewchand, Wilfred; Khan, Faiz M.; Williamson, Jeffrey, **127:** 789, 1978

Therapeutic radiology, treatment planning
See Treatment planning

Thermography, indications
conventional mammography, physical examination, thermography and xeroradiography in the detection of breast cancer (ab), Egan, Robert L.; Goldstein, Gordon T.; McSweeney, Marjorie M., **126:** 275, 1978

Thigh, neoplasms
computed tomography in the evaluation of sarcomatous tumors of the thigh, Weinberger, Gerald; Levinsohn, E. Mark, (AJR), **130:** 115, 1978

Thomson-Rothmond syndrome
See Familial conditions; Skin

Thoracic outlet syndrome
See Thorax

Thorax
See also Bronchi; Heart; Lungs; Mediastinum; Ribs; etc.
atypical chest pain of cardiac and esophageal origin (ab), Henderson, Robert D.; Wigle, E. Douglas; Sample, Karen; Marryatt, Gary, **127:** 850, 1978

extrathoracic musculature mimicking pleural lesions, Collins, James D.; Pagani, John J., **129:** 21, 1978
thoracic outlet syndrome (ab), Lascelles, R. G.; Mohr, P. D.; Neary, D.; Bloor, K., **127:** 857, 1978

Thorax, abnormalities
asphyxiating thoracic dysplasia: clinical, radiological, and pathological information on 10 patients (ab), Oberklaid, F.; Danks, D. M.; Mayne, V.; Campbell, P., **127:** 567, 1978
thoracic dysplasia in spondyloepiphyseal dysplasia congenita (ab), Naumoff, Peter, **127:** 567, 1978

Thorax, blood supply
chest pain in the nontraumatized patient, Ravin, Carl E.; Kelley, Michael J.; Greenspan, Richard H., (RCNA), **16:** 3, 1978

Thorax, computed tomography
See Computed tomography, thorax

Thorax, diseases
diagnosis of the chest. 2nd ed., vols. 1 and 2 (bk rev), Fraser, Robert G.; Pare, J. A. Peter, Reviewed by Heitzman, E. Robert, **128:** 300, 1978
diagnostic approach to chest diseases: differential diagnoses based on roentgenographic patterns. 2nd ed. (bk rev), Lillington, Glen A.; Jamplis, Robert W., Reviewed by Greene, Reginald F., **126:** 358, 1978

Thorax, injuries
pulmonary arteriovenous fistula as a complication of trauma, Ekstrom, Deborah; Weiner, Michael; Baier, Bernard, (AJR), **130:** 1178, 1978
trauma of the bony thorax, Kattan, Kenneth R., (SR), **13:** 69, 1978

Thorax, neoplasms
application of ^{67}Ga scanning in determining the operability of bronchogenic carcinoma, Lesk, David M.; Wood, Thomas E.; Carroll, S. Edwin; Reese, Lionel, **128:** 707, 1978
benign lipoblastoma, Rubin, Eva, (SR), **13:** 5, 1978
intrathoracic lymph node metastases from extrathoracic neoplasms, McLoud, Theresa C.; Kalisher, Lester; Stark, Paul; Greene, Reginald, (AJR), **131:** 403, 1978
neural tumors of the thorax: subject review from the AFIP, Reed, James C.; Hallet, Kathleen Kagan; Feigin, David S., **126:** 9, 1978
transmural thoracic lipoma: demonstration by computed tomography, Faer, Michael J.; Burnam, Ronald E.; Beck, Charles L., (AJR), **130:** 161, 1978
tumors of the chest wall in infants and children (ab), Franken, Jr., E. A.; Smith, J. A.; Smith, W. L., **126:** 834, 1978

Thorax, pain in
chest pain in the nontraumatized patient, Ravin, Carl E.; Kelley, Michael J.; Greenspan, Richard H., (RCNA), **16:** 3, 1978

Thorax, radiography
detection accuracy in chest radiography, Gray, Joel E.; Taylor, Kenneth W.; Hobbs, Barry B., (AJR), **131:** 247, 1978
emergency plain film radiology of the nontraumatized patient with altered consciousness, Moody, Dixon, M.; Laster, D. Wayne; Ball, Marshall R.; Crowe, James E.; McWhorter, Joe M., (RCNA), **16:** 49, 1978
350 kVp chest radiography: review and comparison with 120 kVp, Proto, Anthony V.; Lane, Edward J., (AJR), **130:** 859, 1978
use of intermittent positive pressure breathing (IPPB) in oblique chest tomography, Dixit, Jagannath K.; Manocha, Kundan L.; Leslie, Charles L.; Hagaman, Francis V.; Howard, Arthur L.; Corry, Donald B., **129:** 234, 1978

Thorax, radionuclide studies
chest pain in the nontraumatized patient, Ravin, Carl E.; Kelley, Michael J.; Greenspan, Richard H., (RCNA), **16:** 3, 1978
clinicopathologic correlations demonstrating the failure of ^{67}gallium scanning in determining response to radiotherapy (ab), Bitran, Jacob D.; DeMeester, Tom R.; Rezai-Zadeh, Karim; Toledo-Pereyra, Luis H.; Churg, Andrew; Golomb, Harvey M., **128:** 286, 1978
role of gallium 67 in inflammatory disease, Staab, Edward V.; McCartney, William H., (SNM), **8:** 219, 1978

Thorax, therapeutic radiology
dosimetry for tangential chest wall irradiation, Fessenden, Peter; Palos, Bernice B.; Karzmark, Clarence J., **128:** 485, 1978

Thorax, ultrasound studies
chest pain in the nontraumatized patient, Ravin, Carl E.; Kelley, Michael J.; Greenspan, Richard H., (RCNA), **16:** 3, 1978
ultrasonic evaluation of radiographic opacities of the chest, Hirsch, Jack H.; Carter, Stephen J.; Chikos, Paul M.; Colacurcio, Cheryl, (AJR), **130:** 1153, 1978

Thorium
ghost infantile vertebrae and hemipelves within adult skeleton from thorotrast administration in childhood, Teplick, J. George; Head, Gordon L.; Kricun, Morrie E.; Haskin, Marvin E., **129:** 657, 1978

Thorotrast
See Thorium

Thromboembolism
See Embolism; Thrombosis

Thrombosis
See also Embolism

Thrombosis, arterial
nonsurgical treatment of splenic-artery aneurysms, Probst, Peter; Castaneda-Zuniga, W. R.; Gomes, Antoinette S.; Yonehiro, Earl G.; Delaney, John P.; Amplatz, Kurt, **128:** 619, 1978

Thrombosis, catheter-induced
nonsurgical treatment of splenic-artery aneurysms, Probst, Peter; Castaneda-Zuniga, W. R.; Gomes, Antoinette S.; Yonehiro, Earl G.; Delaney, John P.; Amplatz, Kurt, **128:** 619, 1978

Thrombosis, caval
Budd-Chiari syndrome after taking oral contraceptives: case report and review of 14 reported cases (ab), Wu, Shuh-Min; Spurny, Otto M.; Klotz, Arthur P., **127:** 284, 1978

Thrombosis, hepatic vein
Budd-Chiari syndrome after taking oral contraceptives: case report and review of 14 reported cases (ab), Wu, Shuh-Min; Spurny, Otto M.; Klotz, Arthur P., **127:** 284, 1978

Thrombosis, popliteal vein
popliteal vein thrombosis secondary to popliteal artery aneurysm, Giustra, Peter E.; Root, John A.; Mason, Sabry E.; Killoran, Paul J., (AJR), **130:** 25, 1978

Thrombosis, portal vein
angiographic demonstration of gas and thrombus in the portal vein, Lefleur, Richard S.; Rothberg, Murray; Benjamin, Jeffery; Ambos, Marjorie A., (AJR), **130:** 1171, 1978

Thrombosis, renal vein
renal vein thrombosis: cause of intrarenal calcification in the newborn (ab), Brill, P. W.; Mitty, H. A.; Strauss, L., **127:** 856, 1978

Thrombosis, venous
clinically suspected deep venous thrombosis of the lower extremities: comparison of venography, impedance plethysmography, and radiolabeled fibrinogen (ab), Moser, Kenneth M.; Brach, B. Bowman; Dolan, Gerald F., **126:** 559, 1978
combined use of leg scanning and impedance plethysmography in suspected venous thrombosis: an alternative to venography (ab), Hull, Russell; Hirsh, Jack; Sackett, David L.; Powers, Peter; Turpie, Alexander G.; Walker, Irwin, **126:** 559, 1978
detection of inferior vena caval thrombosis with computed tomography, Steele, J. Richard; Sones, Peter J.; Heffner, Jr., L. T., **128:** 385, 1978
early diagnosis of venous thrombosis using ^{125}I-fibrinogen (ab), Carretta, Robert F.; DeNardo, Sally J.; DeNardo, Gerald L.; Jansholt, Anne-Line; Rose, Angela W., **127:** 287, 1978
effects of platelet suppressant, anticoagulant and fibrinolytic therapy in patients with recurrent venous thrombosis (ab), Steele, Peter; Ellis, Jr., James; Genton, Edward, **128:** 565, 1978
evaluation of suspected deep venous thrombosis in the arteriosclerotic patient, Gordon, Ira J., (AJR), **131:** 531, 1978
^{131}I-labeled fibrinogen in the diagnosis of deep vein thrombosis of the lower extremities, Prescott, Stephen M.; Tikoff, Gerasim; Coleman, R. Edward; Richards, Kent L.; Armstrong, Jr., John D.; Hershgold, Edward L.; McDaniel, Dwight C.; Ganchan, Richard P., (AJR), **131:** 451, 1978
intracranial venous sinus thrombosis: diagnosis suggested by computed tomography, Wendling, Lyle R., (AJR), **130:** 978, 1978
phlebographic study of the incidence and significance of venous thrombosis in the foot, Lea Thomas, M.; O'Dwyer, J. A., (AJR), **130:** 751, 1978
reactive hyperemia vs treadmill exercise testing in arterial disease (ab), Hummel, Brian W.; Hummel, Brad A.; Mowbry, Alan; Maixner, William; Barnes, Robert W., **127:** 851, 1978
scintiscanning of venous thrombosis of the lower extremities (ab), Cordoba, Alfonso; Figueras, Nicholas; Garcia, Rosalba, **128:** 575, 1978
symptomatic deep venous thrombosis of the arm associated with permanent transvenous pacing electrodes (ab), Williams, Edward H.; Tyers, G. Frank O.; Shaffer, Carolyn Wine, **128:** 853, 1978

Thumb
See Fingers and toes

Thymoma
computed tomography of the anterior mediastinum in patients with myasthenia gravis and suspected thymoma, Mink, Jerrold H.; Bein, Marshall E.; Sukov, Richard; Herrmann, Jr., Christian; Winter, James; Sample, W. Frederick; Mulder, Donald, (AJR), **130:** 239, 1978

Thymus
radiological evaluation of the abnormal thymus and its frequency in myasthenia gravis (ab), Deimer, E.; Keminger, K.; Krenn, J.; Pateisky, C., **129:** 278, 1978

Thymus, hyperplasia
surgical considerations of hyperplasia of the thymus (ab), Blasimann, B.; Kuffer, F.; Bettex, M., **127:** 276, 1978

Thyroid
study of the dose to the thyroid and the eye in computed tomography of the brain, Raeside, David E.; Anderson, David W.; Galloway, Dan C., **129:** 814, 1978

Thyroid, abnormalities
thyroid hemiagenesis (ab), Avramides, Avraam; Vichayanrat, Apichati; Solomon, Nathan; Carter, Anne C., **127:** 573, 1978

Thyroid, fluorescent imaging
discordant imaging of a thyroid nodule with ^{131}I and ^{99m}Tc: concordance of ^{131}I and fluorescent scans, Thrall, James H.; Burman, Kenneth D.; Wartofsky, Leonard; Corcoran, Robert J.; Johnson, Merrill C.; Gillin, Michael T., **128:** 705, 1978

Thyroid, hyperthyroidism
case of McCune-Albright syndrome with hyperthyroidism and vitamin D-resistant rickets (ab), Tanaka, T.; Suwa, S., **127:** 279, 1978
radiological appearance of secondary hyperthyroidism in chronic renal insufficiency (ab), Zwahlen, Andre; Garcia, Jean, **126:** 555, 1978
treatment of hyperthyroidism with iodine-131, Beierwaltes, William H., (SNM), **8:** 95, 1978

Thyroid, hypothyroidism
complication of amniofetography: hypothyroidism (ab), Denavit, M.-F.; Lecointre, Cl.; Mallet, E.; de Menibus, Cl.; Rossier, A., **126:** 281, 1978
early detection of neonatal hypothyroidism by serial TSH determination in dried blood (ab), Illig, R.; Torresani, T.; Sobradillo, B., **127:** 560, 1978
myxedema pseudoobstruction, Salerno, Nicholas; Grey, Neil, (AJR), **130:** 175, 1978

Thyroid, neoplasms
clinical evaluation of tumor imaging with ^{201}Tl chloride, Hisada, Kinichi; Tonami, Norihisa; Miyamae, Tatsuya; Hiraki, Yoshio; Yamazaki, Toshio; Maeda, Tatsuo; Nakajo, Masayuki, **129:** 497, 1978
dilemma of the solitary thyroid nodule: resolution through decision analysis, Sisson, James C.; Bartold, Stephen P.; Bartold, Shelley L., (SNM), **8:** 59, 1978
evidence of multicentric origin of the multiple endocrine neoplasia syndrome type 2A (Sipple's syndrome) in a large family in the Netherlands; diagnostic and therapeutic implications (ab), Lips, C. J. M.; Minder, W. H.; Leo, J. R.; Alleman, A.; Hackeng, W. H. L., **128:** 858, 1978
gray-scale echographic visualization of a parathyroid adenoma, Crocker, Ernest Frank; Bautovich, George Joseph; Jellins, Jack, **126:** 233, 1978
radiation dose in the selection of ^{131}I or surgical treatment for toxic thyroid adenoma (ab), Gorman, Colum A.; Robertson, James S., **129:** 862, 1978
rectilinear thyroid scanning as a predictor of malignancy (ab), Nelson, Roger L.; Wahner, Heinz W.; Gorman, Colum A., **128:** 575, 1978
thyroid and breast cancer following childhood radiation (ab), Curtin, Charles T.; McHeffy, Barbara; Kolarsick, Albert J., **127:** 576, 1978
treatment of thyroid carcinoma with radioactive iodine, Beierwaltes, William H., (SNM), **8:** 79, 1978

Thyroid, radiation effects
ionizing irradiation and the induction of clinically significant disease in the human thyroid gland (ab), Maxon, Harry R.; Thomas, Stephen R.; Saenger, Eugene L.; Buncher, C. Ralph; Kereiakes, James G., **128:** 287, 1978
Thyroid, radionuclide studies
clinical evaluation of tumor imaging with ^{201}Tl chloride, Hisada, Kinichi; Tonami, Norihisa; Miyamae, Tatsuya; Hiraki, Yoshio; Yamazaki, Toshio; Maeda, Tatsuo; Nakajo, Masayuki, **129:** 497, 1978
clinical experience with the 2-minute ^{99m}Tc-neck/thigh ratio: quick, simple, reproducible test of thyroid function (ab), Vieras, Frank; Boyd, Charles M., **128:** 861, 1978
dilemma of the solitary thyroid nodule: resolution through decision analysis, Sisson, James C.; Bartold, Stephen P.; Bartold, Shelley L., (SNM), **8:** 59, 1978
discordant imaging of a thyroid nodule with ^{131}I and ^{99m}Tc: concordance of ^{131}I and fluorescent scans, Thrall, James H.; Burman, Kenneth D.; Wartofsky, Leonard; Corcoran, Robert J.; Johnson, Merrill C.; Gillin, Michael T., **128:** 705, 1978
in vivo measurement of the total iodine content of the thyroid gland by x-ray fluorescence, Gollnick, Daniel A.; Greenfield, Moses A., **126:** 197, 1978
^{131}I thyroid scanning in preoperative diagnosis of mediastinal goiter (ab), Irwin, Richard S.; Braman, Sidney S.; Arvanitidis, Alexander N.; Hamolsky, Milton W., **129:** 861, 1978
MEN type IIa syndrome: dilemmas in modern management, Freitas, John E.; Sisson, James C.; Freier, Duane T.; Thompson, Norman W., (SNM), **8:** 73, 1978
quantitative thyroid fluorescent scanning: technique and clinical experience, Thrall, James H.; Gillen, Michael T.; Johnson, Merrill C.; Corcoran, Robert J.; Wartofsky, Leonard, (AJR), **130:** 517, 1978
rectilinear thyroid scanning as a predictor of malignancy (ab), Nelson, Roger L.; Wahner, Heinz W.; Gorman, Colum A., **128:** 575, 1978
technical considerations in in vivo thyroid studies, Keyes, Jr., John W.; Thrall, James H.; Carey, James E., (SNM), **8:** 43, 1978
thallium-201 distribution in the thyroid: relationship to thyroidal trapping function, Oster, Zvi H.; Strauss, H. William; Harrison, Katharine; Burns, H. Donald; Pitt, Bertram, **126:** 733, 1978
thyroid hemiagenesis (ab), Avramides, Avraam; Vichayanrat, Apichati; Solomon, Nathan; Carter, Anne C., **127:** 573, 1978
thyroid scintigraphy: pinhole images versus rectilinear scans, Sostre, Samuel; Ashare, Alan B.; Quinones, Jose D.; Schieve, Jane B.; Zimmerman, J. Milton, **129:** 759, 1978
Tibia
radiographic evaluation of tibial plateau fractures, Newberg, Arthur H.; Greenstein, Robert, **126:** 319, 1978
Tibia, fracture
roentgenographic evaluation of the tibiotalar joint (ab), Goergen, Thomas G.; Danzig, Larry A.; Resnick, Donald; Owen, Charles A., **127:** 853, 1978
Tinnitus
pulsatile tinnitus: role of angiography (ab), Holgate, Richard C.; Wortzman, George; Noyek, Arnold M.; Makerewica, Len; Coates, Robert M., **127:** 845, 1978
Tolosa-Hunt syndrome
See Cavernous sinus; Eyes
Tomography
See also Computed tomography; under diseases, organs, and regions, as Brain, radiography
pluridirectional tomography in the evaluation of pituitary tumors, Geehr, Robert B.; Allen, III, William E.; Rothman, Stephen L. G.; Spencer, Dennis D., (AJR), **130:** 105, 1978
Tomography, indications
influence of thin-section tomography on the treatment of cervical spine injuries, Maravilla, Kenneth R.; Cooper, Paul R.; Sklar, Frederick H., **127:** 131, 1978
"maxillary sinusitis" and cancer: role of polytomography, Kagan, A. Robert; Steckel, Richard J., (AJR), **131:** 321, 1978
role of conventional tomography and computed tomography in assessing the resectability of primary lung cancer: preliminary report (ab), Shevland, John E.; Chiu, Lee C.; Schapiro, Rolf L.; Young, John A.; Rossi, Nicholas P., **128:** 852, 1978
Tomography, panoramic
panoramic view in sialography, Azouz, E. Michel, **127:** 267, 1978
Tomography, radionuclide
multislice positron emission computed tomograph (PETT IV) yielding transverse and longitudinal images, Ter-Pogossian, Michel M.; Mullani, Nizar A.; Hood, John; Higgins, Carol S.; Currie, C. Michael, **128:** 477, 1978
Tomography, technique
effects of the film/screen combination on tomographic image quality, Cohen, Gerald; Barnes, James O.; Pena, Pedro M., **129:** 515, 1978
improved method of evaluating the cervico-thoracic junction in lateral tomography and air myelography, Maravilla, Kenneth R., **127:** 542, 1978
respiratory strobotomography, Bean, Mark S.; Poznanski, Andrew K., **127:** 805, 1978
use of abdominal contrast tomography in liver disease (ab), Dalla Palma, L.; Bacarini, L.; Bazzocchi, M.; Di Pietrantonio, M., **127:** 565, 1978
use of intermittent positive pressure breathing (IPPB) in oblique chest tomography, Dixit, Jagannath K.; Manocha, Kundan L.; Leslie, Charles L.; Hagaman, Francis V.; Howard, Arthur L.; Corry, Donald B., **129:** 234, 1978
Tonsils, neoplasms
time, dose and tumor volume relationships in megavoltage irradiation of squamous cell carcinomas of the retromolar trigone and anterior tonsillar pillar (ab), Barker, Jerry L.; Fletcher, Gilbert H., **126:** 845, 1978
Torticollis
spasmodic torticollis: combined clinical study (ab), Matthews, W. B.; Beasley, Patrick; Parry-Jones, William; Garland, G., **129:** 846, 1978
Toxoplasmosis
subdural hygroma in infants with congenital toxoplasmosis (ab), Ulbrych-Jablonska, Anna; Kalenik, Janina; Herman, Teresa; Rachwal-Kleinrok, Eva, **126:** 273, 1978
Trachea
lobar opacification of the lung after tracheal extubation in neonates (ab), Wyman, Michael L.; Kuhns, Lawrence R., **127:** 277, 1978
pathogenetic left "tracheal" bronchus: 4 cases and review of the literature (ab), Remy, J.; Smith, M.; Marache, Ph.; Nuyts, J. P., **128:** 273, 1978
retrotracheal abnormalities in esophageal carcinoma: prognostic implications, Daffner, Richard H.; Postlethwait, R. W.; Putman, Charles E., (AJR), **130:** 719, 1978
TRACHEAL COMPRESSION BY THE INNOMINATE ARTERY: angiographic investigation (ab), Dohlemann, C.; Mantel, K.; Dusch, T.; Buhlmeyer, K., **128:** 851, 1978
tracheo-bronchial mobility disorders observed during bronchoscopy (ab), Crausaz, P. H.; Savary, M., **126:** 276, 1978
Trachea, anatomy
tracheal stenosis: analysis of 151 cases, Weber, A. L.; Grillo, Hermes C., (RCNA), **16:** 291, 1978
Trachea, injuries
trauma of the larynx and trachea, Greene, Reginald; Stark, Paul, (RCNA), **16:** 309, 1978
Trachea, intubation
high incidence of lung perforation by chest tube in neonatal pneumothorax (ab), Moessinger, Adrien C.; Driscoll, Jr., John M.; Wigger, H. Joachim, **129:** 561, 1978
hypopharyngeal injury as a result of attempted endotracheal intubation, Hirsch, Menachem; Abramowitz, Harry B.; Shapira, Shlomo; Barki, Yehiel, **128:** 37, 1978
pneumothorax: complication of endotracheal tube suctioning (ab), Vaughan, Russell S.; Menke, James A.; Giacola, George P., **129:** 561, 1978
Trachea, neoplasms
atypical appearances of "saber-sheath" trachea, Rubenstein, Joel; Weisbrod, Gordon; Steinhardt, Marvin I., **127:** 41, 1978
cartilaginous tumors of the larynx and trachea, Weber, A. L.; Shortsleeve, Michael; Goodman, Max; Montgomery, William; Grillo, Hermes C., (RCNA), **16:** 261, 1978
endoscopy and surgery of the larynx and trachea, Montgomery, William W., (RCNA), **16:** 219, 1978
endotracheal irradiation of adenoid cystic carcinoma of the trachea, Percarpio, Bernard; Price, John C.; Murphy, Patrick, **128:** 209, 1978
obstructing lesions of the larynx and trachea in infants and children, Kushner, David C.; Harris, G. B. Clifton, (RCNA), **16:** 181, 1978
pedunculated endotracheal metastasis, MacMahon, Heber; O'Connell, Denis J.; Cimochowski, George E., (AJR), **131:** 713, 1978
tracheal tumors: radiological, clinical, and pathological evaluation of 84 cases, Weber, A. L.; Grillo, Hermes C., (RCNA), **16:** 227, 1978
Trachea, radiography
roentgenologic investigations of the larynx and trachea, Momose, K. Jack; MacMillan, Jr., Alexander S., (RCNA), **16:** 321, 1978
Trachea, stenosis
narrowing of the airway in relapsing polychondritis, Kilman, William J., **126:** 373, 1978
"saber-sheath" trachea: relation to chronic obstructive pulmonary disease, Greene, Reginald, (AJR), **130:** 441, 1978
tracheal stenosis: analysis of 151 cases, Weber, A. L.; Grillo, Hermes C., (RCNA), **16:** 291, 1978
Trachea, surgery
pediatric tracheostomy. II. radiographic features of difficult decannulations, Scott, John R.; Kramer, Sandra S., (AJR), **130:** 893, 1978
pediatric tracheostomy. I. radiographic features of normal healing, Scott, John R.; Kramer, Sandra S., (AJR), **130:** 887, 1978
Trachea, therapeutic radiology
endotracheal irradiation of adenoid cystic carcinoma of the trachea, Percarpio, Bernard; Price, John C.; Murphy, Patrick, **128:** 209, 1978
Transposition of great vessels
echocardiographic and hemodynamic correlation in transposition of the great arteries (ab), Park, Sang C.; Neches, William H.; Zuberbuhler, J. R.; Mathews, Robert A.; Lenox, Cora C.; Fricker, Frederick J., **127:** 858, 1978
echocardiographic assessment of left ventricular outflow tract in d-transposition of the great arteries (ab), Aziz, Kalim U.; Paul, Milton H.; Muster, Alexander J., **128:** 572, 1978
echocardiographic estimation of pulmonary artery pressure in transposition of the great arteries (ab), Gutgesell, Howard P., **129:** 283, 1978
plain film findings of anatomically corrected malposition: its association with juxtaposition of the atrial appendages and right aortic arch, Bream, Peter R.; Elliott, Larry P.; Bargeron, Jr., L. M., **126:** 589, 1978
Treatment planning
combined treatment methods for carcinoma of the esophagus, Fraser, Robert W.; Wara, William M.; Thomas, Arthur N.; Mauch, Peter M.; Fishman, Noel H.; Galante, Maurice; Phillips, Theodore L.; Buschke, Franz, **128:** 461, 1978
computer-assisted three-dimensional treatment planning system, Reinstein, Lawrence E.; McShan, Daniel; Webber, Banice M.; Glicksman, Arvin S., **127:** 259, 1978
computerized cranial tomography: effect on diagnostic and therapeutic plans (ab), Fineberg, Harvey V.; Bauman, Roger; Sosman, Martha, **126:** 548, 1978
data management and radiotherapy, Ragan, Don P., **129:** 777, 1978
dosimetry for tangential chest wall irradiation, Fessenden, Peter; Palos, Bernice B.; Karzmark, Clarence J., **128:** 485, 1978
efficacy of CT-assisted two-dimensional treatment planning: analysis of 45 patients, Ragan, Don P.; Perez, Carlos A., (AJR), **131:** 75, 1978
equivalent tissue-air ratio method for making absorbed dose calculations in a heterogeneous medium, Sontag, Marc R.; Cunningham, John R., **129:** 787, 1978
future neutron therapy clinical trials in the United States (ab), Rogers, Charles C.; Hussey, David H.; Parker, Robert A.; Cohen, Lionel, **129:** 288, 1978
generation of iso-TDF maps: considerations for radiation therapy planning, Stupar, Terry A.; Bahr, Gustave K.; Elson, Howard R.; Aron, Bernard S.; Compaan, Pearl J.; Kereiakes, James G., **126:** 773, 1978
gradient method of optimizing external-beam radiotherapy treatment plans, Cooper, R. E. M., **128:** 235, 1978
improved technique for obtaining teletherapy portal radiographs with high-energy photons, Galkin, Benjamin M.; Wu, Raymond K.; Suntharalingam, Nagalingam, **127:** 828, 1978
measurement of tissue heterodensity to guide charged particle radiotherapy (ab), Goitein, Michael, **129:** 287, 1978

orthogonal fields: variations in dose *vs.* gap size for treatment of the central nervous system, Bukovitz, Andrew G.; Deutsch, Melvin; Slayton, Robert, **126:** 795, 1978
potentials of computed tomography in radiation therapy treatment planning, McCullough, Edwin C., **129:** 765, 1978
role of computers in radiation therapy: analysis of clinical radiotherapy data, Fischer, James J., **129:** 783, 1978
study of dose distribution patterns from cobalt-60 and Varian Clinac-4 beams, Nair, Ravi; Kartha, Mukund, (AJR), **130:** 151, 1978
time–dose effects in the matching of adjacent radiotherapy fields, Tatcher, Morris; Yudelev, Mark, **126:** 253, 1978
treatment planning for neutron radiation therapy (ab), Wootton, P.; Weaver, K.; Eenmaa, J., **129:** 288, 1978
treatment policies affecting survival in patients with carcinoma of the cervix, Thomson, James M.; Spratt, Jr., John S., **127:** 771, 1978
ultrasonic evaluation of radiation therapy ports (ab), Carter, Stephen J.; Denney, John D.; Tesh, Donald W.; Marty, Raymond; Davis, M. Christine, **126:** 284, 1978
use of body scanner in radiotherapy treatment planning (ab), Munzenrider, John E.; Pilepich, Miljenko; Rene-Ferrero, Juan B.; Tachakarova, Ivanka; Carter, Barbara L., **126:** 286, 1978
use of ultrasonography in planning intracavitary radiotherapy of endometrial carcinoma, Brascho, Donn J.; Kim, Robert Y.; Wilson, Edwina E., **129:** 163, 1978
variations in depth-dose data between open and wedge fields for 4-MV x-rays, Sewchand, Wilfred; Khan, Faiz M.; Williamson, Jeffrey, **127:** 789, 1978

Trenaunay-Klippel-Weber syndrome
See Angioma

Tricho-dento-osseous syndrome
See Teeth

Tricuspid valve
cross-sectional echocardiographic features of Ebstein's anomaly of the tricuspid valve (ab), Hirschklau, Michael J.; Sahn, David J.; Hagan, Arthur D.; Williams, David E.; Friedman, William F., **126:** 841, 1978

Tricuspid valve, diseases
angiographic features of carcinoid heart disease, Holt, R. Gary; Gross, Richard; Carlsson, Erik, **127:** 601, 1978

Tricuspid valve, prolapse
association between atrial septal defect and prolapse of the tricuspid valve: echocardiographic study (ab), Chandraratna, P. A. N.; Littman, B. B.; Wilson, D., **129:** 284, 1978
echocardiographic tricuspic prolapse and nonejection systolic click (ab), Sasse, Lewis; Froelich, Carla R., **129:** 284, 1978

Tricuspid valve, stenosis
Loeffler's endocarditis presenting as mitral and tricuspid stenosis (ab), Weyman, Arthur E.; Rankin, Robert; King, Harold, **126:** 841, 1978

Tricuspid valve, ultrasound studies
simulated tricuspid valve echoes in tricuspid atresia (ab), Silverman, Norman H.; Payot, Maurice; Stanger, Paul, **129:** 859, 1978
systolic anterior motion of the tricuspid valve in idiopathic hypertrophic subaortic stenosis (ab), Brik, Henry; Meller, Jose; Bahler, Alan S.; Herman, Michael V.; Teichholz, Louis E., **129:** 572, 1978

Triglycerides
neonatal pneumonia associated with medium-chain triglyceride feeding supplement (ab), Smith, Roberta M.; Brumley, George W.; Stannard, Michael W., **129:** 852, 1978

Trough line
See Shoulder, dislocation

Truog, Clarence Peter
(obit), **129:** 544, 1978

Tuberculoma
computed tomography in cranial tuberculosis, Price, Hilton I.; Danziger, Alan, (AJR), **130:** 769, 1978
recent cases of intracranial tuberculomas (ab), Mayers, Marguerite M.; Kaufman, David M.; Miller, Michael H., **129:** 558, 1978

Tuberculosis
estimation of breast doses and breast cancer risk associated with repeated fluoroscopic chest examinations of women with tuberculosis (ab), Boice, Jr., John D.; Rosenstein, Marvin; Trout, E. Dale, **128:** 272, 1978
sequential computerized axial tomography in tuberculous meningitis (ab), Stevens, Dennis L.; Everett, E. Dale, **129:** 848, 1978
spectrum of tuberculous peritonitis (ab), Karney, Walter W.; O'Donoghue, J. Morgan; Ostrow, Jonathan H.; Holmes, King K.; Beaty, Harry N., **126:** 549, 1978
tuberculous mediastinal lymphadenopathy in adults, Liu, Chung-I; Fields, William R.; Shaw, Chung-I, **126:** 369, 1978

Tuberculosis, congenital
congenital tuberculosis, Polansky, S. M.; Frank, A.; Ablow, R. C.; Effmann, E. L., (AJR), **130:** 994, 1978

Tuberculosis, cranial
computed tomography in cranial tuberculosis, Price, Hilton I.; Danziger, Alan, (AJR), **130:** 769, 1978

Tuberculosis, intestinal
duodenal tuberculosis, Black, Gerald A.; Carsky, Edward W., (AJR), **131:** 329, 1978

Tuberculosis, pulmonary
adult respiratory distress syndrome associated with miliary tuberculosis (ab), Murray, Henry W.; Tuazon, Carmelita U.; Kirmani, Nigar; Sheagren, John N., **127:** 850, 1978
air–fluid level in cavitary pulmonary tuberculosis, Cohen, Jeffrey R.; Amorosa, Judith Korek; Smith, Peter R., **127:** 315, 1978
congenital tuberculosis, Polansky, S. M.; Frank, A.; Ablow, R. C.; Effmann, E. L., (AJR), **130:** 994, 1978
PLEURAL TAIL SIGN, Webb, W. Richard, **127:** 309, 1978
prophylaxis with isoniazid in inactive tuberculosis: Veterans Administration Cooperative Study XII (ab), Falk, Abraham; Fuchs, George, **127:** 850, 1978
tuberculosis: frequency of unusual radiographic findings, Miller, Wallace T.; MacGregor, Rob Roy, (AJR), **130:** 867, 1978
tuberculous mediastinal lymphadenitis in the adult, Amorosa, Judith Korek; Smith, Peter R.; Cohen, Jeffrey R.; Ramsey, Craig; Lyons, Harold A., **126:** 365, 1978

Tuberous sclerosis
tuberous sclerosis: comparison of computed tomography and conventional neuroradiology, Lee, Benjamin C. P.; Gawler, Jeffrey, **127:** 403, 1978

Tularemia
radiographic spectrum of pleuropulmonary tularemia, Rubin, Sanford A., (AJR), **131:** 277, 1978

Turner syndrome
See Bones, chromosomal aberrations

Tween (polysorbate 80)
See Contrast media

Twins
antepartum findings of conjoined twins (ab), Wilson, Robert L.; Shaub, Michael S.; Cetrulo, Curtis J., **126:** 844, 1978
assessment of the cardiovascular system in conjoined thoracopagus twins (ab), Izukawa, Terro; Kidd, B. S. Langford; Moes, C. A. Fred; Tyrrell, Michael J.; Ives, Elizabeth J.; Simpson, James S.; Shandling, Barry, **127:** 851, 1978
B-scan and real-time ultrasound in the antepartum diagnosis of conjoined twins and pericardial effusion, Morgan, Carlisle L.; Trought, William S.; Sheldon, Gary; Barton, Thomas K., (AJR), **130:** 578, 1978
Dominican Republic conjoined twins: ischiopagus, tetrapus, omphalopagus, Rosenberg, Henrietta Kotlus; Spackman, Thomas J.; Chait, Arnold, (AJR), **130:** 921, 1978
posterior urethral valves in identical twins (ab), Kroovand, R. Lawrence; Weinberg, Neal; Emami, Abbas, **127:** 569, 1978
rapid B-scan (real-time) ultrasonography in the identification and evaluation of twin pregnancies (ab), Levine, Sandra C.; Filly, Roy A., **128:** 574, 1978

Twins, abnormalities
antepartum diagnosis of conjoined twins by ultrasonography, Fagan, Charles J., (AJR), **129:** 921, 1977

U

Ulcers
See Colitis, ulcerative; Esophagus, ulcers; Peptic ulcer

Ulna
widening of the radial notch of the ulna: new articular change in haemophilia (ab), Perri, Giuseppe, **129:** 566, 1978

Ultrasound
See also under organs and regions, as Heart, ultrasound studies
See also under organs and regions, as Heart, ultrasound
cross-sectional anatomy: computed tomography and ultrasound correlation (bk rev), Carter, Barbara L.; Morehead, James; Wolpert, Samuel L.; Hammerschlag, Steven B.; Griffiths, Harry J.; Kahn, Paul C., Reviewed by Eyler, William R., **127:** 164, 1978
diagnostic ultrasound in a community hospital: first two years (ab), Fayle, B. W. K., **129:** 574, 1978
isodense masses on CT: differentiation by gray scale ultrasonography, Bryan, Patrick J.; Dinn, W. Martin, (AJR), **129:** 989, 1977

Ultrasound, biological effects
biological effects of diagnostic ultrasound: review, Baker, Max L.; Dalrymple, Glenn V., **126:** 479, 1978
ultrasonic toxicity study (ab), Fry, F. J.; Erdmann, W. A.; Johnson, L. K.; Baird, A. I., **129:** 285, 1978

Ultrasound, biopsy
technical considerations in B-mode scanning with an aspiration transducer, Yeh, En-Lin; Kronenwetter, Charles; Meade, Robert C.; Ruetz, Philip P., **129:** 527, 1978

Ultrasound, Doppler studies
clinical evaluation of pulse-Doppler device linked to gray scale B-scan equipment, Taylor, Kenneth J. W.; Atkinson, Peter; de Graaff, Casper S.; Dembner, Alan G.; Rosenfield, Arthur T., **129:** 745, 1978
noninvasive assessment of collateral blood flow of the cerebral hemisphere by Doppler ultrasound (ab), Bone, George E.; Slaymaker, Earlene E.; Barnes, Robert W., **128:** 281, 1978

Ultrasound, indications
accuracy of placental localization by ultrasound, Bowie, James D.; Rochester, David; Cadkin, Alan V.; Cooke, William T.; Kunzmann, Axel, **128:** 177, 1978
B-mode ultrasonography of prosthetic vascular grafts, Gooding, Gretchen A. W.; Herzog, Karen A.; Hedgcock, Marcus W.; Eisenberg, Ronald L., **127:** 763, 1978
capability of CT body scanning and ultrasonography to demonstrate the status of the biliary ductal system in patients with jaundice, Goldberg, Henry I.; Filly, Roy A.; Korobkin, Melvyn; Moss, Albert A.; Kressel, Herbert Y.; Callen, Peter W., **129:** 731, 1978
real time ophthalmic ultrasonography, Hassani, Sam N.; Bard, Robert L., **127:** 213, 1978
sonographic patterns in trophoblastic diseases, Fleischer, Arthur C.; James, Jr., A. Everette; Krause, David A.; Millis, James B., **126:** 215, 1978
ultrasonographic evaluation of vascular access complications, Kottle, Sheldon Paul; Gonzalez, Antonio C.; Macon, Edwin J.; Fellner, Susan K., **129:** 751, 1978
ultrasound diagnosis of hydrocolpos and hydrometrocolpos, Wilson, Don A.; Stacy, Teresa M.; Smith, E. Ide, **128:** 451, 1978

Ultrasound, instrumentation
gray scale performance of displays for dynamic ultrasound imaging (ab), Maginness, M. G., **127:** 859, 1978
new ultrasonic real-time scanner featuring a servo-controlled transducer displaying a sector image, Skolnick, M. Leon; Matzuk, Terrance, **128:** 439, 1978
simple portable water bath for superficial ultrasonography, Yeh, Hsu-Chong; Wolf, Bernard S., (AJR), **130:** 275, 1978
ultrasonic power and intensities produced by diagnostic ultrasound equipment (ab), Carson, Paul L.; Fischella, Paula R.; Oughton, Thomas V., **129:** 285, 1978

Ultrasound, pediatric
computed tomography and ultrasound in the diagnosis and management of neuroblastoma, Berger, Paul E.; Kuhn, Jerald P.; Munschauer, Richard W., **128:** 663, 1978
gray-scale ultrasonic demonstration of nephrocalcinosis, Cacciarelli, Alexander A.; Young, Norman; Levine, Allan J., **128:** 459, 1978
ultrasound diagnosis of hydrocolpos and hydrometrocolpos, Wilson, Don A.; Stacy, Teresa M.; Smith, E. Ide, **128:** 451, 1978

Ultrasound, technique
adrenal ultrasonography, Sample, William Frederick, **127:** 461, 1978
apex echocardiography: two-dimensional technique for evaluating congenital heart disease (ab), Silverman, Norman H.; Schiller, Nelson B., **128:** 282, 1978
determination of bladder volumes by gray scale ultrasonography, McLean, Gordon K.; Edell, Steven L., **128:** 181, 1978

echocardiographic diagnosis of dilatation of the ascending aorta using right parasternal scanning, D'Cruz, Ivan A.; Jain, Dharam P.; Hirsch, Leroy; Levinsky, Richard; Cohen, Howard C.; Glick, Gerald, **129:** 465, 1978
effect of the urinary bladder in obstetrical sonography, Zemlyn, Seymour, **128:** 169, 1978
identification of placenta praevia (opin), Goldberg, Barry B., **128:** 255, 1978
percutaneous puncture guided by ultrasonic multitransducer scanning (ab), Pedersen, Jan Fog, **126:** 842, 1978
real-time ultrasound as an aid in intrauterine transfusion, Cooperberg, Peter L.; Carpenter, C. W., **127:** 535, 1978
technical considerations in B-mode scanning with an aspiration transducer, Yeh, En-Lin; Kronenwetter, Charles; Meade, Robert C.; Ruetz, Philip P., **129:** 527, 1978
two-dimensional echoaortocardiographic approach to dissecting aneurysms of the aorta to prevent false-positive diagnoses, Matsumoto, Masayuki; Matsuo, Hirohide; Ohara, Tatsuhiko; Yoshioka, Yukio; Abe, Hiroshi, **127:** 491, 1978
ultrasonic techniques in angiology: standardization of cardio-angiological methods (bk rev), Strandness, Jr., D. E.; Sumner, D. S., Reviewed by Winsberg, Fred, **128:** 176, 1978
water enema: new ultrasound technique in defining pelvic anatomy (ab), Rubin, Carl; Kurtz, Alfred B.; Goldberg, Barry B., **129:** 861, 1978

Ultrasound, therapeutic
ultrasonic enhancement of cancer radiotherapy, Witcofski, Richard L.; Kremkau, Frederick W., **127:** 793, 1978

Umbilicus
indications for pneumoperitoneum in the diagnosis of congenital anomalies in the umbilical region (ab), Vidal, J.; Cortina, H.; Alonso, A.; Alberto, C.; Lanuza, A.; Perez-Candela, V., **127:** 856, 1978

Uremia
peptic ulcer in uremic children (ab), Moorthy, A. Vishnu; Chesney, Russell W., **129:** 565, 1978

Ureterocele
See Ureters, cysts

Ureterosigmoidostomy
See Ureters, surgery

Ureters
See also Genitourinary tract; Radiations, injurious effects; Radiobiology; Urinary tract; Urography
notching of the ureter and renal pelvis in children, Cleveland, Robert H.; Fellows, Kenneth E.; Lebowitz, Robert L., (AJR), **129:** 837, 1977
radiographic features of ureteral endometriosis, Pollack, Howard M.; Wills, John S., (AJR), **131:** 627, 1978
transverse folds in the proximal ureter: normal variant in infants, Kirks, Donald R.; Currarino, Guido; Weinberg, Arthur G., (AJR), **130:** 463, 1978

Ureters, calculi
emergency uroradiology for the nontraumatized patient, Elkin, Milton, (RCNA), **16:** 135, 1978
gas contrast radiography of ileal conduits, Kilcheski, Thomas S.; Pollack, Howard M., **129:** 242, 1978
Glucagon and diuresis in the treatment of ureteral calculi, Morishima, Michael S.; Ghaed, Nasser, **129:** 807, 1978
milk of calcium in the ureter, MacMillan, Bruce G.; Fritzhand, Martin D.; Spitz, Harold B., **127:** 376, 1978

Ureters, cysts
"intraureteric diverticulum", a manifestation of ureterocoele intussusception (ab), Cremin, B. J.; Funston, M. R.; Aaronson, I. A., **127:** 856, 1978
non-obstructive ectopic ureterocele (ab), Bauer, Stuart B.; Retik, Alan B., **129:** 570, 1978

Ureters, dilatation
transient ureteric dilatation in neonates with imperforate anus: report of 4 cases (ab), Rickwood, A. M. K., **128:** 857, 1978

Ureters, displacement
urinary tract after abdomino-perineal resection, Barbaric, Zoran L.; Wolfe, Daniel E.; Segal, Arthur J., **128:** 345, 1978

Ureters, herniation
inguinal herniation of the ureter (ab), Morris, L. L.; Caldicott, W. J. H.; Savage, J. P., **127:** 856, 1978

Ureters, injuries
intraoperative ureteral trauma: radiologic approach (ab), Barbaric, Zoran L.; Wolfe, Daniel E.; Segal, Arthur J., **129:** 570, 1978
ureteral trauma: effects of ureteral ligation with and without deligation—experimental studies and case reports (ab), Raney, Alex M., **128:** 570, 1978

Ureters, neoplasms
angiography in carcinoma of the renal pelvis and the ureter (ab), Ekelund, L.; Gothlin, J., **126:** 555, 1978
nonspecificity of some radiological signs in excretory urography (edit), Older, Robert A.; Cleeve, Damien M.; McLelland, Robert, **127:** 553, 1978

Ureters, obstruction
bilateral spontaneous urinary extravasation in ureteral obstruction, Rittenberg, Gerald M.; Schabel, Stephen I.; Nelson, Robert P., **127:** 648, 1978
Glucagon and diuresis in the treatment of ureteral calculi, Morishima, Michael S.; Ghaed, Nasser, **129:** 807, 1978
pelvi-ureteric obstruction in children (ab), Lees, R. F., **126:** 556, 1978
thin needle biopsy in the diagnosis of ureteral obstruction with malignancy (ab), Freiman, David B.; Ring, Ernest J.; Oleaga, Juan A.; Carpiniello, Victor C.; Wein, Alan J., **129:** 856, 1978

Ureters, radiation effects
ureteral injury following irradiation therapy for carcinoma of the cervix (ab), Underwood, Jr., Paul B.; Lutz, Myron H.; Smoak, Dahlmon L., **126:** 288, 1978

Ureters, reflux
bilateral spontaneous urinary extravasation in ureteral obstruction, Rittenberg, Gerald M.; Schabel, Stephen I.; Nelson, Robert P., **127:** 648, 1978
delayed recurrence of reflux after initial success of antireflux operation (ab), Amar, Arjan D., **128:** 279, 1978
emergency uroradiology for the nontraumatized patient, Elkin, Milton, (RCNA), **16:** 135, 1978
forgotten factor in the evaluation of vesicoureteric reflux (ab), Fairley, K. F.; Roysmith, J., **126:** 555, 1978
measurement of vesicoureteral reflux with intravenous ^{99m}Tc-DTPA compared to radiographic cystography, Hedman, Per J. K.; Kempi, Viktor; Voss, Henrik, **126:** 205, 1978
measurement of vesicoureteral reflux with intravenous ^{99m}Tc-DTPA compared to radiographic cystography, Hedman, Per J. K.; Kempi, Viktor; Voss, Henrik, **126:** 205, 1978
pelvi-ureteric obstruction in children (ab), Lees, R. F., **126:** 556, 1978
radiology of colon loop diversion: anatomical and urodynamic studies of the conduit and ureters in children and adults, Yoder, Isabel C.; Pfister, Richard C., **127:** 85, 1978
renal vein renin in the hypertension of unilateral reflux nephropathy (ab), Bailey, R. R.; McCrea, C. U.; Mailing, T. M. J.; Tisch, G.; Little, P. J., **129:** 570, 1978
upper urinary tract air: benign finding indicating presence and degree of ureteral reflux (ab), Kanter, Stephen A.; Garris, Joel B., **128:** 279, 1978

Ureters, surgery
neoplasms of the large bowel following ureterosigmoidostomy (ab), Sooriyaarachchi, Gamini S.; Johnson, Robert O.; Carbone, Paul P., **127:** 566, 1978
radiology of colon loop diversion: anatomical and urodynamic studies of the conduit and ureters in children and adults, Yoder, Isabel C.; Pfister, Richard C., **127:** 85, 1978

Urethra
See also Genitourinary tract; Urinary tract; Urography
posterior urethral valves in identical twins (ab), Kroovand, R. Lawrence; Weinberg, Neal; Emami, Abbas, **127:** 569, 1978

Urethra, abnormalities
urinal artifact, Ramos, Alvaro J.; Watts, Jr., Frederick B.; Timmons, John W., **128:** 807, 1978

Urethra, injuries
injury to the male posterior urethra in fractured pelvis: new classification (ab), Colapinto, V.; McCallum, R. W., **126:** 838, 1978

Urethra, radiography
urethrographic manifestations of venereal warts (condyloma acuminata), Pollack, Howard M.; DeBenedictis, Thomas J.; Marmar, Joel L.; Praiss, Donald E., **126:** 643, 1978

Urethra, stricture
pseudostricture of the urethra: urinal artefact on urethrography, Lebowitz, Robert L., (AJR), **130:** 570, 1978

Urethra, valves
value of the retrograde urethrogram in the diagnosis of anterior urethral valves (ab), Hartig, Paul R.; Koos, Gerald W.; McKinley, C. Richard: Myer, James J., **126:** 281, 1978

Urinary tract
See also Genitourinary tract; Urine; Urography; under names of individual urinary organs, as Bladder; Kidneys; Ureters
adrenal, retroperitoneum and lower urinary tract (bk rev), Bosniak, Morton A.; Siegelman, Stanley S.; Evans, John A., Reviewed by Pfister, Richard C., **126:** 634, 1978
upper urinary tract air: benign finding indicating presence and degree of ureteral reflux (ab), Kanter, Stephen A.; Garris, Joel B., **128:** 279, 1978

Urinary tract, abnormalities
ectopic vas deferens: report of two cases and review of the literature, Mahboubi, Soroosh; Spackman, Thomas J., (AJR), **130:** 1093, 1978
pulmonary complications associated with prune-belly syndrome, Alford, Bennett A.; Peoples, W. M.; Resnick, Jack S.; L'Heureux, Philippe R., **129:** 401, 1978
urinary tract after abdomino-perineal resection, Barbaric, Zoran L.; Wolfe, Daniel E.; Segal, Arthur J., **128:** 345, 1978

Urinary tract, calculi
radionuclide kidney function evaluation in the management of urolithiasis (ab), Bueschen, Anton J.; Lloyd, L. Keith; Dubovsky, Evan V.; Tauxe, W. Newlon, **129:** 574, 1978

Urinary tract, flow dynamics
radiology of colon loop diversion: anatomical and urodynamic studies of the conduit and ureters in children and adults, Yoder, Isabel C.; Pfister, Richard C., **127:** 85, 1978

Urinary tract, infection
measurement of vesicoureteral reflux with intravenous ^{99m}Tc-DTPA compared to radiographic cystography, Hedman, Per J. K.; Kempi, Viktor; Voss, Henrik, **126:** 205, 1978

Urinary tract, obstruction
diagnosis of nonopaque calculi by computed tomography, Segal, Arthur J.; Spataro, Robert F.; Linke, Charles A.; Frank, Irwin N.; Rabinowitz, Ronald, **129:** 447, 1978
diuresis renography in equivocal urinary tract obstruction (ab), O'Reilly, P. H.; Testa, H. J.; Lawson, R. S.; Farrar, D. J.; Edwards, E. Chatterton, **129:** 282, 1978
nonspecificity of some radiological signs in excretory urography (edit), Older, Robert A.; Cleeve, Damien M.; McLelland, Robert, **127:** 553, 1978
percutaneous nephropyelostomy in the management of obstructed renal transplants, Barbaric, Zoran L.; Thomson, Kenneth R., **126:** 639, 1978
percutaneous nephropyelostomy—possibilities of application and results (ab), Gunther, R.; Alken, P.; Altwein, J. E., **129:** 856, 1978
percutaneous nephrostomy: series and review of the literature, Stables, Derek P.; Ginsberg, Nathan J.; Johnson, Michael L., (AJR), **130:** 75, 1978
radiology of colon loop diversion: anatomical and urodynamic studies of the conduit and ureters in children and adults, Yoder, Isabel C.; Pfister, Richard C., **127:** 85, 1978
sensitivity of gray scale ultrasound in detecting urinary tract obstruction, Ellenbogen, Paul H.; Scheible, F. William; Talner, Lee B.; Leopold, George R., (AJR), **130:** 731, 1978
use of percutaneous nephrostomy and urinary alkalinization in the dissolution of obstructing uric acid stones, Spataro, Robert F.; Linke, Charles A.; Barbaric, Zoran L., **129:** 629, 1978
uterine prolapse and urinary tract obstruction (ab), Stabler, J., **127:** 569, 1978

Urinary tract, radionuclide studies
measurement of vesicoureteral reflux with intravenous ^{99m}Tc-DTPA compared to radiographic cystography, Hedman, Per J. K.; Kempi, Viktor; Voss, Henrik, **126:** 205, 1978
radionuclides in urology, urological ultrasonography. percutaneous puncture nephrostomy. supplement to vol. V/I of handbuch der urologie (bk rev), Andersson, L.; Fernstrom, I.; Leopold, G. R.; Schlegel, J. U.; Talner, L. B.; Andersson, L., ed., Reviewed by Mellins, Harry Z., **129:** 344, 1978

Urinary tract, ultrasound studies
sensitivity of gray scale ultrasound in detecting urinary tract obstruction, Ellenbogen, Paul H.; Scheible, F. William; Talner, Lee B.; Leopold, George R., (AJR), **130:** 731, 1978

ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, Filly, Roy A.; Callen, Peter W., (RCNA), **16:** 159, 1978

Urine, extravastion
See Ureters, reflux

Urinoma
See Ureters, neoplasms

Urography
See also Renal angiography; Urinary tract; under names of urinary organs, as Kidneys
effect of screen/film combinations on diagnostic certainty: Hi-Plus/RPL versus Lanex/Ortho G in excretory urography, Thornbury, John R.; Fryback, Dennis G.; Patterson, Fred E.; Chiavarini, Robert L., (AJR), **130:** 83, 1978
electrocardiographic response to intravenous urography: prospective evaluation of 275 patients, Stadalnik, Robert C.; Vera, Zakauddin; DaSilva, Olavo; Davies, Richard; Kraus, Jess F.; Mason, Dean T., (AJR), **129:** 825, 1977
liver metastases discovered during high-dose excretory urography, Brennan, Richard; Cossrow, Joel; Pollack, Howard, **127:** 373, 1978
radiology of colon loop diversion: anatomical and urodynamic studies of the conduit and ureters in children and adults, Yoder, Isabel C.; Pfister, Richard C., **127:** 85, 1978

Urography, complications
bilateral spontaneous urinary extravasation in ureteral obstruction, Rittenberg, Gerald M.; Schabel, Stephen I.; Nelson, Robert P., **127:** 648, 1978
contrast medium extravasation from the pelvicaliceal system during infusion pyelography (ab), Walter, E.; Wolf, K. J., **128:** 858, 1978
exacerbation of diabetic renal failure following intravenous pyelography (ab), Harkonen, Scott; Kjellstrand, Carl M., **128:** 279, 1978
improved method of administering epinephrine in an emergency, King, Phillip E., **127:** 268, 1978
renal peripelvic extravasation: complication of arteriography, Conoley, Patrick M.; Bernardino, Michael E.; Green, Barry, **128:** 624, 1978
spontaneous rupture of a calyceal diverticulum during urography, Ulreich, Sidney; Lund, David A.; Jacobson, James J., (AJR), **131:** 337, 1978

Urography, indications
emergency uroradiology for the nontraumatized patient, Elkin, Milton, (RCNA), **16:** 135, 1978
role of radiology in urinary tract infection in children (ab), Isdale, Joy M., **128:** 858, 1978
screening urography in asymptomatic cryptorchid patients (ab), Noe, H. Horman; Patterson, Thomas H., **129:** 282, 1978

Urography, technique
furosemide-augmented intravenous urography: results in essential hypertension, Talner, Lee B.; Stone, Richard A.; Coel, Marc N.; Levy, Steven B.; Emarine, Charles W., (AJR), **130:** 257, 1978
urography in the child who wets, Stannard, Michael W.; Lebowitz, Robert L., (AJR), **130:** 959, 1978

Uterine neoplasms
bipedal lymphangiography in malignancies of the uterine corpus, Kademian, Michael T.; Buchler, Dolores A.; Wirtanen, George W., (AJR), **129:** 903, 1977

Uterine neoplasms, diagnosis
case of the summer season: benign metastasizing leiomyomas of the lung, Becker, Joseph M., (SR), **13:** 189, 1978
hysterography before and after myomectomy, Weinstein, D.; Aviad, Y.; Polishuk, W. Z., (AJR), **129:** 899, 1977

Uterine neoplasms, metastases
lymphangiographic detection of scalene node metastases from cervical carcinoma, Steinfeld, Alan D.; Weinstein, Donald S., (AJR), **130:** 371, 1978

Uterine neoplasms, staging
staging laparotomy and survival in carcinoma of the uterine cervix (ab), Kademian, Michael T.; Bosch, Antonio, **129:** 862, 1978

Uterine neoplasms, therapeutic radiology
assessment of neutron/gamma-ray dose ratios in intracavitary ^{252}Cf neutron therapy, Tai, Douglas L.; Maruyama, Yosh, **128:** 795, 1978
complications after radiation therapy for cervical carcinoma (ab), Bosch, Antonio; Frias, Zenaida, **127:** 862, 1978
complications following parametrial radiogold treatment for cervical carcinoma (ab), Kao, Ming-Shian; Srisuro, Chotchai; Camel, H. Marvin, **128:** 576, 1978
^{137}Cs afterloading intrauterine packing for stage I and stage II adenocarcinoma of the endometrium, Luk, Kenneth H.; Castro, Joseph R.; Meyler, Thomas S., **129:** 229, 1978
isotope nephrography in carcinoma of the uterine cervix stage IB (ab), Kjorstad, K. E.; Bormer, O.; Martimbeau, P., **129:** 576, 1978
squamous cell carcinoma of the uterine cervix (ab), Johnsson, J. E., **127:** 861, 1978
survival and complications in cervical cancer treated by pelvic and extended field radiation after paraaortic lymphadenectomy, Delgado, Gregorio; Caglar, Haluk; Walker, Paul, (AJR), **130:** 141, 1978
treatment policies affecting survival in patients with carcinoma of the cervix, Thomson, James M.; Spratt, Jr., John S., **127:** 771, 1978
ureteral injury following irradiation therapy for carcinoma of the cervix (ab), Underwood, Jr., Paul B.; Lutz, Myron H.; Smoak, Dahlmon L., **126:** 288, 1978
use of ultrasonography in planning intracavitary radiotherapy of endometrial carcinoma, Brascho, Donn J.; Kim, Robert Y.; Wilson, Edwina E., **129:** 163, 1978

Uterine neoplasms, therapy
bladder and intestinal injuries following radiation therapy of carcinoma of the uterine cervix (ab), Johnsson, J. E., **126:** 285, 1978

Uterine neoplasms, ultrasound diagnosis
use of ultrasonography in planning intracavitary radiotherapy of endometrial carcinoma, Brascho, Donn J.; Kim, Robert Y.; Wilson, Edwina E., **129:** 163, 1978

Uterus
See also Gynecology; Pelvic angiography; Pelvis; Pregnancy; Uterine neoplasms
radiographic features of ureteral endometriosis, Pollack, Howard M.; Wills, John S., (AJR), **131:** 627, 1978

Uterus, abnormalities
classification and radiographic features of uterine malformations: histerosalpingographic study (ab), Zanetti, E.; Ferrari, Liliana R.; Rossi, G., **129:** 281, 1978

Uterus, anatomy
unsoftened portion of the uterus: pitfall in gray-scale ultrasound studies during mid-trimester pregnancy, Sample, W. Frederick, **126:** 227, 1978

Uterus, hydatidiform mole
sonographic patterns in trophoblastic diseases, Fleischer, Arthur C.; James, Jr., A. Everette; Krause, David A.; Millis, James B., **126:** 215, 1978
ultrasonography in the evaluation of nontraumatic abdominopelvic emergencies, Filly, Roy A.; Callen, Peter W., (RCNA), **16:** 159, 1978

Uterus, neoplasms
selection of tumours with a poor prognosis in operable carcinoma of the endometrium (ab), Muirhead, W.; Roberts, J. T., **129:** 569, 1978
treatment failure sites according to irradiation technique and histology in patients with endometrial cancer (ab), Landgren, Robert D.; Fletcher, Gilbert H.; Gallager, H. Stephen; Delclos, Luis; Wharton, J. Taylor, **126:** 285, 1978

Uterus, prolapse
uterine prolapse and urinary tract obstruction (ab), Stabler, J., **127:** 569, 1978

Uterus, radiography
classification and radiographic features of uterine malformations: histerosalpingographic study (ab), Zanetti, E.; Ferrari, Liliana R.; Rossi, G., **129:** 281, 1978
hysterographic double-outlined uterine cavity: sign of unsuspected pregnancy, Isaacs, Ivan, (AJR), **131:** 305, 1978
mesonephric duct remnants (Gartner's duct), Wepfer, Joseph F.; Boex, Robert M., (AJR), **131:** 499, 1978
radiation dose in hysterosalpingography: modern 100mm fluorography *vs.* full-scale radiography, Seppanen, Seppo; Lehtinen, Eero; Holli, Heimo, **127:** 377, 1978

Uterus, size
volume of the uterus in normal and abnormal pregnancy (ab), Phillips, Joseph F.; Goodwin, Donald W.; Thomson, Samuel B.; Dempsy, Peter J., **126:** 284, 1978

Uterus, ultrasound studies
atrophic postmenopausal uterus (ab), Miller, Edward I.; Thomas, Roger H.; Lines, Patricia, **126:** 557, 1978
dynamic uterus revealed by time-lapse echography (ab), Buttery, Beresford; Davison, Gregory, **129:** 861, 1978
effect of the urinary bladder in obstetrical sonography, Zemlyn, Seymour, **128:** 169, 1978
gray-scale ultrasound in tubal pregnancy, Schoenbaum, Stephen; Rosendorf, Leonard; Kappelman, Neil; Rowan, Timothy, **127:** 757, 1978
identification of placenta praevia (opin), Goldberg, Barry B., **128:** 255, 1978
peripatetic placenta, Young, Graeme Bruce, **128:** 183, 1978
real-time ultrasound as an aid in intrauterine transfusion, Cooperberg, Peter L.; Carpenter, C. W., **127:** 535, 1978
sonographic patterns in trophoblastic diseases, Fleischer, Arthur C.; James, Jr., A. Everette; Krause, David A.; Millis, James B., **126:** 215, 1978
ultrasound of gynecologic pelvic masses: indefinite uterus and other patterns associated with diagnostic error (ab), Bowie, James D., **127:** 857, 1978
unsoftened portion of the uterus: pitfall in gray-scale ultrasound studies during mid-trimester pregnancy, Sample, W. Frederick, **126:** 227, 1978
volume of the uterus in normal and abnormal pregnancy (ab), Phillips, Joseph F.; Goodwin, Donald W.; Thomson, Samuel B.; Dempsy, Peter J., **126:** 284, 1978

V

Vagal chemodectoma
See Brain neoplasms

Vagina
See also Gynecology
vaginitis emphysematosa: importance of its radiologic recognition (ab), Laing, Faye C.; Shanser, Jon C.; Salmen, Brian J., **129:** 855, 1978

Vagina, abnormalities
ultrasound diagnosis of hydrocolpos and hydrometrocolpos, Wilson, Don A.; Stacy, Teresa M.; Smith, E. Ide, **128:** 451, 1978

Vagina, neoplasms
assessment of neutron/gamma-ray dose ratios in intracavitary ^{252}Cf neutron therapy, Tai, Douglas L.; Maruyama, Yosh, **128:** 795, 1978

Varices
See under Esophagus; Stomach

Varicocele
spermatic venography: technique and indications: 37 cases (ab), Sabatier, J. C.; Bruneton, J. N.; Drouillard, J.; Tavernier, J.; Ducos, M.; Fleury, B.; Latapie, J. L., **127:** 282, 1978

Vas deferens
ectopic vas deferens: report of two cases and review of the literature, Mahboubi, Soroosh; Spackman, Thomas J., (AJR), **130:** 1093, 1978

Vasoconstriction
See Vasomotor system, drug effects

Vasodilatation
See Vasomotor system, drug effects

Vasomotor system, drug effects
hemodynamic effects of superior mesenteric arterial and intravenous vasopressin infusions in patients with portal hypertension (ab), Kaufman, Stephen L.; Maddrey, Willis C.; Harrington, Donald P.; White, Jr., Robert I., **126:** 550, 1978
use of prostaglandin F2 alpha in selective visceral angiography (ab), Legge, D. A., **126:** 278, 1978
vasopressin: route of administration and effects on canine hepatic and superior mesenteric arterial blood flows (ab), Kerr, John C.; Hobson, II, Robert W.; Seelig, Richard F.; Swan, Kenneth G., **128:** 566, 1978

Vasopressin
differential effects of pitressin on blood flow and oxygen extraction in canine vascular beds, Steckel, Richard J.; Kolin, Alexander; MacAlpin, Rex N.; Snow, Harold D.; Juillard, Guy F.; Tesler, Alan S.; Metzger, Judith, (AJR), **130:** 1025, 1978
effects of intravenous vasopressin on canine mesenteric arterial blood flow, bowel oxygen consumption, and cardiac output, Athanasoulis, Christos A.; Waltman, Arthur C.; Simmons, Julian Thayer; Sheehan, Barbara; Coggins, Cecil H., (AJR), **130:** 1033, 1978

gangrene of the feet associated with mesenteric intraarterial vasopressin, Twiford, Jr., Thomas W.; Granmayeh, Masood; Tucker, Marilyn J., (AJR), **130:** 558, 1978
hemodynamic effects of superior mesenteric arterial and intravenous vasopressin infusions in patients with portal hypertension (ab), Kaufman, Stephen L.; Maddrey, Willis C.; Harrington, Donald P.; White, Jr., Robert I., **126:** 550, 1978
treatment of gastrointestinal hemorrhage with selective intra-arterial infusion of pitressin (ab), Castaneda-Zuniga, Wilfrido; Reyes, R. Garcia; Amplatz, Kurt, **127:** 567, 1978
vasopressin: route of administration and effects on canine hepatic and superior mesenteric arterial blood flows (ab), Kerr, John C.; Hobson, II, Robert W.; Seelig, Richard F.; Swan, Kenneth G., **128:** 566, 1978

VATER association
See Familial conditions

Veins
See also Angiography; Cerebral blood vessels; Coronary vessels; Embolism; Extremities; Malformations, arteriovenous; Portal vein; Radiobiology; Thrombosis; Venae cavae; Venography; etc.

Veins, hepatic
visualization of hepatic veins on excretory urography (ab), Omell, Gary H.; Klingensmith, III, William C., **129:** 571, 1978

Veins, intercostal
normal and abnormal left superior intercostal vein, Friedman, Arnold C.; Chambers, Evan; Sprayregen, Seymour, (AJR), **131:** 599, 1978

Veins, jugular
transcatheter intravascular coil occlusion of experimental arteriovenous fistulas, Anderson, James H.; Wallace, Sidney; Gianturco, Cesare, (AJR), **129:** 795, 1977
transjugular technique of hepatic venography and biopsy, cholangiography, and obliteration of esophageal varices, Goldman, Martin L.; Gonzalez, Antonio C.; Galambos, John T.; Gordon, Ira J.; Oen, Khee-Tiang, **128:** 325, 1978
venous-phase angiography in subclavian-steal syndrome, Nalbantgil, İstemi; Yigitbasi, Omer; Cagatay, Guven; Kiliccioglu, Bulent; Atabay, Gurhun, **128:** 411, 1978

Veins, levoatriocardinal
anomalous venous connection from the left atrium to the cardinal venous system: "levoatriocardinal vein", Blieden, Leonard C.; Schneeweiss, Adam; Deutsch, Victor; Neufeld, Henry N., (AJR), **129:** 937, 1977

Veins, mesenteric
detection of hemorrhage in a patient with cecal varices using ^{99m}Tc-sulfur colloid, Barry, Jane W.; Engle, Claudette V., **129:** 489, 1978
passage of Gastrografin into the small mesenteric veins during an opaque enema (ab), Boudou, A.; Channarond, J.; Romanet, P.; Herzog, B., **128:** 854, 1978

Veins, ophthalmic
superior ophthalmic vein at computed tomography (ab), Brismar, J.; Brismar, Gudrun; Davis, K. R., **126:** 832, 1978

Veins, pancreatic
localization of glucagonomas by catheterization of the pancreatic veins and glucagon assay (ab), Ingemansson, Stig; Holst, Jens; Larsson, Lars-Inge; Lunderquist, Anders, **128:** 567, 1978

Veins, plantar
phlebographic study of the incidence and significance of venous thrombosis in the foot, Lea Thomas, M.; O'Dwyer, J. A., (AJR), **130:** 751, 1978

Veins, popliteal
popliteal vein thrombosis secondary to popliteal artery aneurysm, Giustra, Peter E.; Root, John A.; Mason, Sabry E.; Killoran, Paul J., (AJR), **130:** 25, 1978

Veins, portal
See Portal vein

Veins, profundae penis
pelvic phlebography by injection of contrast medium into the profundal dorsal penis vein for evaluation of tumor spread in cancer of the urinary bladder and prostate (ab), Drosdovskij, B. J.; Zyb, A. F.; Duntschik, W. N., **126:** 838, 1978

Veins, pulmonary
coronary, ventricular, and pulmonary abnormalities associated with rupture of the interventricular septum complicating myocardial infarction, Miller, Stephen W.; Dinsmore, Robert E.; Greene, Reginald E.; Daggett, Willard M., (AJR), **131:** 571, 1978
echocardiographic features of total anomalous pulmonary venous connection to the coronary sinus (ab), Orsmond, Garth S.; Ruttenberg, Herbert D.; Bessinger, F. Blanton; Moller, James H., **128:** 573, 1978

Veins, renal
renal vein renin in the hypertension of unilateral reflux nephropathy (ab), Bailey, R. R.; McCrea, C. U.; Mailing, T. M. J.; Tisch, G.; Little, P. J., **129:** 570, 1978
renal vein thrombosis: cause of intrarenal calcification in the newborn (ab), Brill, P. W.; Mitty, H. A.; Strauss, L., **127:** 856, 1978
renal vein valves, Oleaga, Juan A.; Ring, Ernest J.; Freiman, David; Husted, James W., (AJR), **130:** 927, 1978
renal vein valves: incidence and significance, Beckmann, Carl F.; Abrams, Herbert L., **127:** 351, 1978

Veins, spermatic
spermatic venography: technique and indications: 37 cases (ab), Sabatier, J. C.; Bruneton, J. N.; Drouillard, J.; Tavernier, J.; Ducos, M.; Fleury, B.; Latapie, J. L., **127:** 282, 1978

Veins, splanchnic
use of prostaglandin F2 alpha in selective visceral angiography (ab), Legge, D. A., **126:** 278, 1978

Veins, splenic
recognition of splenic vein occlusion, Cho, Kyung J.; Martel, William, (AJR), **131:** 439, 1978
splenic vein thrombosis in patients with a normal size spleen (ab), Itzchak, Yacov; Glickman, Morton G., **126:** 553, 1978

Veins, umbilical
intestinal obstruction caused by an aberrant umbilical vein (ab), Svendsen, Lars Bo; Johansen, T. Staehr; Kristensen, Paul, **127:** 567, 1978
perforation of the peritoneum and intra-abdominal hemorrhage: complication of umbilical vein catheterizations (ab), Kanto, Jr., William P.; Parrish, Jr., Robert A., **128:** 274, 1978

Veins, vertebral
multiple contrast injections in epidural venography, Giustra, Peter E.; Wickenden, John W.; Furman, Robert S.; Wickenden, Roger W.; Killoran, Paul J., (AJR), **131:** 485, 1978

Venae cavae, abnormalities
double inferior vena cava or iliac vein occlusion? diagnostic problem in radionuclide venograms, Berkow, Andrew E.; Henkin, Robert E., (AJR), **130:** 529, 1978
left inferior vena cava, Pillari, George; Wind, Edward S.; Wiener, Stanley L.; Baron, Murray G., (AJR), **130:** 366, 1978

Venae cavae, neoplasms
inferior vena cava: mass effects, Gosink, Barbara B., (AJR), **130:** 533, 1978
ultrasonic detection of renal tumor extension into the inferior vena cava, Goldstein, Harvey M.; Green, Barry; Weaver, Jr., Ralph M., (AJR), **130:** 1083, 1978

Venae cavae, obstruction
abnormal radiocolloid and MAA uptake by the liver in superior vena caval obstruction (ab), Yeh, Samuel D. J.; Garcia, A.; Benua, R. S., **127:** 574, 1978
superior vena cava syndrome: complication of transvenous pacemaker implantation, Chamorro, Hector; Rao, Gopal; Wholey, Mark H., **126:** 377, 1978

Venae cavae, radionuclide studies
double inferior vena cava or iliac vein occlusion? diagnostic problem in radionuclide venograms, Berkow, Andrew E.; Henkin, Robert E., (AJR), **130:** 529, 1978

Venae cavae, thrombosis
detection of inferior vena caval thrombosis with computed tomography, Steele, J. Richard; Sones, Peter J.; Heffner, Jr., L. T., **128:** 385, 1978

Venae cavae, ultrasound studies
inferior vena cava: mass effects, Gosink, Barbara B., (AJR), **130:** 533, 1978
ultrasonic detection of renal tumor extension into the inferior vena cava, Goldstein, Harvey M.; Green, Barry; Weaver, Jr., Ralph M., (AJR), **130:** 1083, 1978
ultrasonic evaluation of portacaval shunts (ab), Goldberg, Barry B.; Patel, Jagdish, **127:** 859, 1978

Venography
See also Angiography; and under names of individual organs and procedures, as Renal angiography
clinically suspected deep venous thrombosis of the lower extremities: comparison of venography, impedance plethysmography, and radiolabeled fibrinogen (ab), Moser, Kenneth M.; Brach, B. Bowman; Dolan, Gerald F., **126:** 559, 1978
phlebographic study of the incidence and significance of venous thrombosis in the foot, Lea Thomas, M.; O'Dwyer, J. A., (AJR), **130:** 751, 1978

Venography, complications
pitfalls of transhepatic portal venography and therapeutic coronary vein occlusion, Widrich, Warren C.; Robbins, Alan H.; Nabseth, Donald C.; Johnson, Willard C.; Goldstein, Susan A., (AJR), **131:** 637, 1978

Venography, contrast media
multiple contrast injections in epidural venography, Giustra, Peter E.; Wickenden, John W.; Furman, Robert S.; Wickenden, Roger W.; Killoran, Paul J., (AJR), **131:** 485, 1978

Venography, indications
epinephrine renal venography in severe inflammatory disease of the kidney, Goldman, Martin L.; Gorelkin, Leo; Rude, III, Joe C.; Sybers, Robert G.; O'Brien, David P., **127:** 93, 1978

Venography, instrumentation
new device to support handicapped patients during venography or myelography, Kesala, B. Adrian; Baker, Dennis; Morin, Martin; Sue, Hak, **128:** 507, 1978

Venography, technique
multiple contrast injections in epidural venography, Giustra, Peter E.; Wickenden, John W.; Furman, Robert S.; Wickenden, Roger W.; Killoran, Paul J., (AJR), **131:** 485, 1978
new device to support handicapped patients during venography or myelography, Kesala, B. Adrian; Baker, Dennis; Morin, Martin; Sue, Hak, **128:** 507, 1978
pelvic phlebography by injection of contrast medium into the profundal dorsal penis vein for evaluation of tumor spread in cancer of the urinary bladder and prostate (ab), Drosdovskij, B. J.; Zyb, A. F.; Duntschik, W. N., **126:** 838, 1978
simplified outpatient lower extremity venography, Pavlov, Helene; MacMoran, Jay W.; Funch, Robert B.; Bernhard, Robert A.; D'Orazio, Edward A., **126:** 525, 1978

Ventricles
See Brain; Heart

Ventricular septal defect
congenital pulmonary atresia with ventricular septal defect: angiographic and surgical correlates, Davis, George D.; Fulton, Richard E.; Ritter, Donald G.; Mair, Douglas D.; McGoon, Dwight C., **128:** 133, 1978
pulmonary valve fluttering in subpulmonic ventricular septal defect (ab), Glasser, Stephen P.; Baucum, Jr., Ralph W., **127:** 571, 1978
radiographic study of congenital pulmonary atresia with ventricular septal defect, Soto, Benigno; Pacifico, Albert D.; Luna, Rodrigo F.; Bargeron, Jr., L. M., (AJR), **129:** 1027, 1977

Ventriculography
See Brain, radiography

Vertebrae
See Spine

Vertebral arteries
angiography for intracranial aneurysms of the vertebro-basilar system (ab), Sartor, K., **127:** 843, 1978

Vinyl and vinyl compounds
occupational acro-osteolysis (ab), Gamma, Christovao; Meira, Joao B. B., **128:** 855, 1978

Vinyl chloride
See Vinyl and vinyl compounds

Vision
amaurosis fugax and carotid artery disease: indications for angiography (ab), Wilson, L. A.; Russell, R. W. Ross, **127:** 276, 1978
intracanalicular meningioma with normal tomography: case report (ab), Susac, John O.; Martins, Albert N.; Whaley, Robert A., **126:** 831, 1978

Vocal cords, paralysis
respiratory obstruction and apnea in infants with bilateral abductor vocal cord paralysis, meningomyelocele, hydrocephalus, and Arnold-Chiari malformation (ab), Holinger, Paul C.; Holinger, Lauren D.; Reichart, Timothy J.; Holinger, Paul H., **129:** 560, 1978

Vocal cords, radiation effects
voice change after radiotherapy: some preliminary results, Colton, Raymond H.; Sagerman, Robert H.; Chung, Chung T.; Yu, Young W.; Reed, George F., **127:** 821, 1978

Vulva, neoplasms
lymph drainage from the vulva and the foot as demonstrated by ^{198}Au (ab), Bartholdson, L.; Hultborn, A.; Hulten, L.; Roos, B.; Rosencrantz, M.; Ahren, Chr., **129:** 576, 1978

W

Walker-Dandy syndrome
See Brain, abnormalities
Warfarin
effects of platelet suppressant, anticoagulant and fibrinolytic therapy in patients with recurrent venous thrombosis (ab), Steele, Peter; Ellis, Jr., James; Genton, Edward, **128:** 565, 1978
Waterson procedure
See Pulmonary arteries
Weber-Trenaunay-Klippel syndrome
See Angioma
Wegener granulomatosis
See Granuloma
Weiss-Mallory tears
See Gastrointestinal tract, hemorrhage
White blood cells
studies on gallium accumulation in inflammatory lesions: I. gallium uptake by human polymorphonuclear leukocytes (ab), Tsan, Min-Fu; Chen, William Y.; Scheffel, Ursula; Wagner, Jr., Henry N., **128:** 285, 1978
White-Wolff-Parkinson syndrome
See Heart
Wiedemann-Beckwith syndrome
See Gigantism
Wilms tumor
See Kidney neoplasms
Wilson, Hugh M.
(obit), **128:** 842, 1978
Wilson-Mikity syndrome
See Lungs, diseases; Respiratory distress syndrome
Wiskott-Aldrich syndrome
primary reticulum cell sarcoma of the brain in Wiskott-Aldrich syndrome: report of a case (ab), Model, Lawrence M., **128:** 280, 1978
Wolf, Bernard S.
(obit), **126:** 827, 1978
Wolff-Parkinson-White syndrome
See Heart
Wrist
carpal length in children—useful measurement in the diagnosis of rheumatoid arthritis and some congenital malformation syndromes, Poznanski, Andrew K.; Hernandez, Ramiro J.; Guire, Kenneth E.; Bereza, Ulana L.; Garn, Stanley M., **129:** 661, 1978
post-traumatic ligamentous instabilities of the wrist, Gilula, Louis A.; Weeks, Paul M., **129:** 641, 1978
Wrist, fracture
fractures and dislocations of the hand and wrist, Kaye, Jeremy J., (SR), **13:** 109, 1978
Wrist, prostheses
new concepts in arthroplasty of the hand and wrist (ab), Beckenbaugh, Robert D., **127:** 568, 1978

X

Xanthoma
intra- and extraosseous xanthomata associated with hyperlipidemia, Yaghmai, Issa, **128:** 49, 1978
Xenon
xenon contrast enhancement in computed body tomography, Foley, W. Dennis; Haughton, Victor M.; Schmidt, James; Wilson, Charles R., **129:** 219, 1978
Xenon, radioactive
computed tomographic measurement of the xenon brain–blood partition coefficient and implications for regional cerebral blood flow: preliminary report, Kelcz, Frederick; Hilal, Sadek K.; Hartwell, Patricia; Joseph, Peter M., **127:** 385, 1978
portable radioxenon trap and patient ventilation system, McIlmoyle, Gaellan; Holman, B. Leonard; Davis, Michael; Chandler, Harold L., **127:** 544, 1978
Xeromammography
See Xeroradiography
Xeroradiography
contact spot xeromammography in the early diagnosis of breast cancer, Buchanan, Jerry B.; Jager, Rama M., (AJR), **130:** 1159, 1978
orthogonal xeroradiography for ^{125}I seed implantation, Mantravadi, Rao; Liebner, Edwin J.; Ginde, Jayant V.; Haas, Richard E., **127:** 832, 1978
xeroradiography and conventional radiography in examination of the larynx (ab), Hemmingsson, Anders; Lofroth, Per Olov, **126:** 548, 1978
xeroradiography of bone tumors (ab), Nessi, Renato; Coopmans de Yoldi, Gianfranco, **129:** 280, 1978
xeroradiography of the hand in patients with renal osteodystrophy (ab), Smith, F. W.; Junor, B. J. R., **126:** 279, 1978
xeroradiography: uncalcified breast masses (bk rev), Wolfe, John N., Reviewed by Alcorn, Franklin S., **126:** 372, 1978
Xeroradiography, technique
breast pattern classification and observer error, Wolfe, John N.; Wilkie, Ross C., **127:** 343, 1978
Cleopatra view in xeromammography: semireclining position for the tail of the breast, Goodrich, Jr., William A., **128:** 811, 1978
optimization of xeroradiographic exposures, Jaeger, Stanley S.; Cacak, Robert K.; Barnes, J. Edward; Hendee, William R., **128:** 217, 1978
xeromammographic automatic exposure termination, Zeman, Gary H.; Osterman, Jr., Floyd A.; Rao, Gopala; Kirk, Barbara G.; James, Jr., A. Everette, **126:** 117, 1978
xeromammographic cone edge pressure to shift deep lesions into view: simple modification and technique, Goodrich, Jr., William A., **128:** 809, 1978
X-rays
See Diagnostic radiology; Dosimetry; Radiations; Radiography; Therapeutic radiology; under names of diseases, organs and regions

Y

Yersiniosis
See Intestines, diseases

Z

Zanca, Peter
(obit), **127:** 837, 1978
Zellweger syndrome
See Bones, osteochondrodysplasias